Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
Data File : BE099899.D
Acq On : 10 Jun 2019 20:31
Operator : JU/SJ
Sample : K3257-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : RE120D3-20190606

Quant Time: Jun 11 05:58:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	688	0.40	ng		0.00
7) Naphthalene-d8	10.62	136	2369	0.40	ng		0.01
13) Acenaphthene-d10	14.47	164	1942	0.40	ng		0.00
19) Phenanthrene-d10	17.21	188	5768	0.40	ng		0.00
27) Chrysene-d12	21.40	240	9455	0.40	ng		0.00
34) Perylene-d12	23.93	264	11006	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.36	112	291	0.16	ng		0.00
5) Phenol-d6	6.99	99	198	0.08	ng		0.02
8) Nitrobenzene-d5	8.99	82	802	0.36	ng		0.03
11) 2-Methylnaphthalene-d10	12.22	152	1551	0.38	ng		0.02
14) 2,4,6-Tribromophenol	15.98	330	401	0.28	ng		0.01
15) 2-Fluorobiphenyl	13.10	172	2933	0.40	ng		0.00
25) Fluoranthene-d10	19.25	212	36044	0.43	ng		0.00
29) Terphenyl-d14	19.84	244	9407	0.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1395	1.370	ng	#	90
3) n-Nitrosodimethylamine	3.62	42	14	0.024	ng	#	100
6) bis(2-Chloroethyl)ether	7.22	93	15	0.008	ng	#	1
9) Naphthalene	10.65	128	2103	0.082	ng	#	88
10) Hexachlorobutadiene	10.91	225	2	0.001	ng	#	18
12) 2-Methylnaphthalene	12.30	142	110	0.026	ng	#	73
16) Acenaphthylene	14.15	152	11	0.001	ng	#	61
17) Acenaphthene	14.54	154	7	0.001	ng	#	1
18) Fluorene	15.53	166	23	0.003	ng	#	83
20) 4-Bromophenyl-phenylether	16.48	248	6	0.002	ng	#	69
21) Hexachlorobenzene	16.52	284	5	0.001	ng	#	53
22) Pentachlorophenol	16.95	266	11	0.307	ng		84
23) Phenanthrene	17.27	178	73	0.005	ng	#	34
24) Anthracene	17.36	178	19	0.001	ng	#	41
26) Fluoranthene	19.27	202	28	0.001	ng	#	33
28) Pyrene	19.64	202	41	0.002	ng	#	80
30) Benzo(a)anthracene	21.40	228	59	0.002	ng	#	1
31) Chrysene	21.40	228	40	0.001	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.29	149	1304	0.032	ng		100
33) Indeno(1,2,3-cd)pyrene	26.61	276	4	0.000	ng	#	1
35) Benzo(b)fluoranthene	23.15	252	52	0.002	ng	#	1
36) Benzo(k)fluoranthene	23.15	252	52	0.002	ng	#	1
37) Benzo(a)pyrene	23.82	252	21	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	26.64	278	4	0.000	ng	#	1
39) Benzo(g,h,i)perylene	27.44	276	3	0.000	ng	#	1

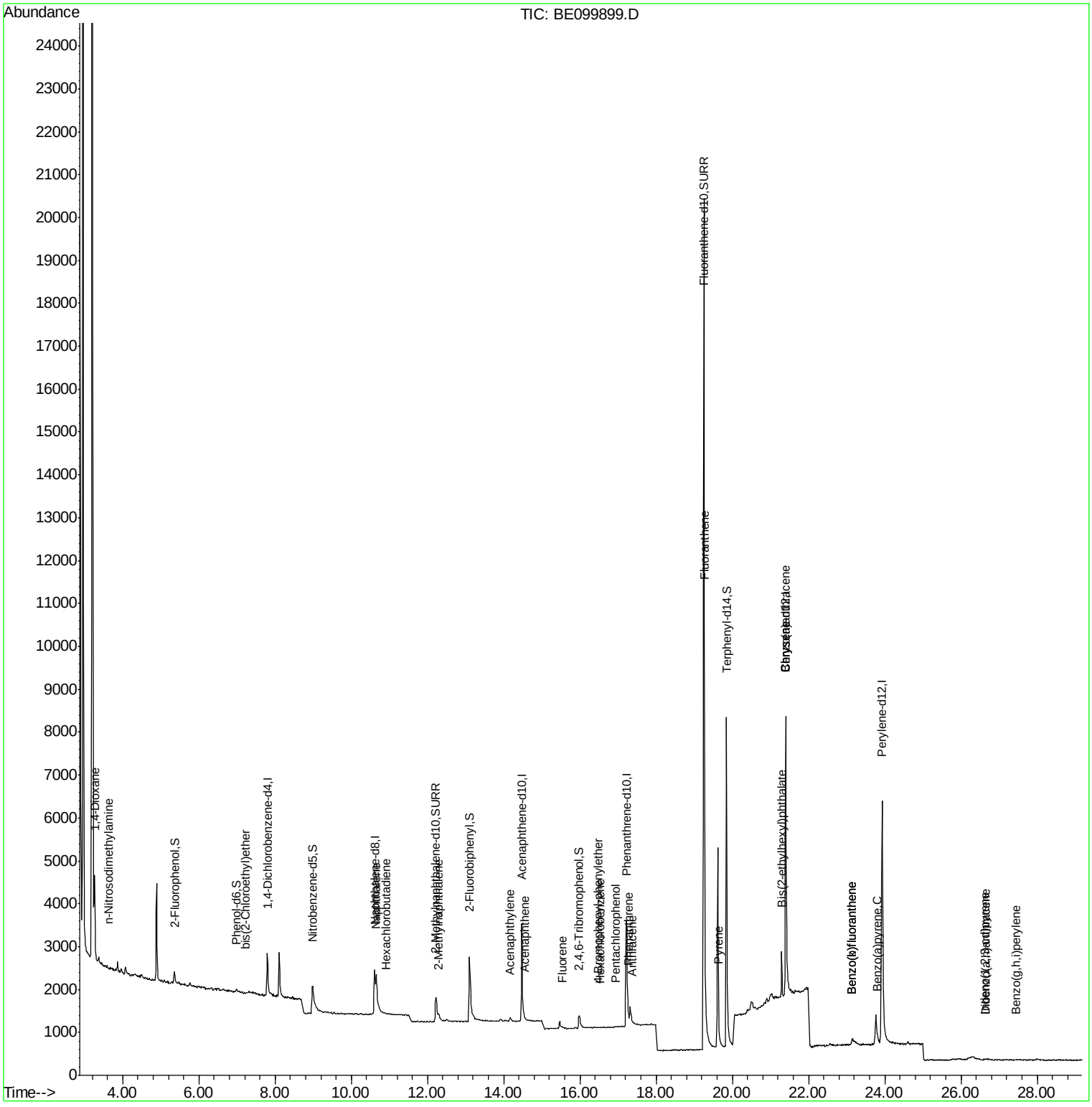
(#) = qualifier out of range (m) = manual integration (+) = signals summed

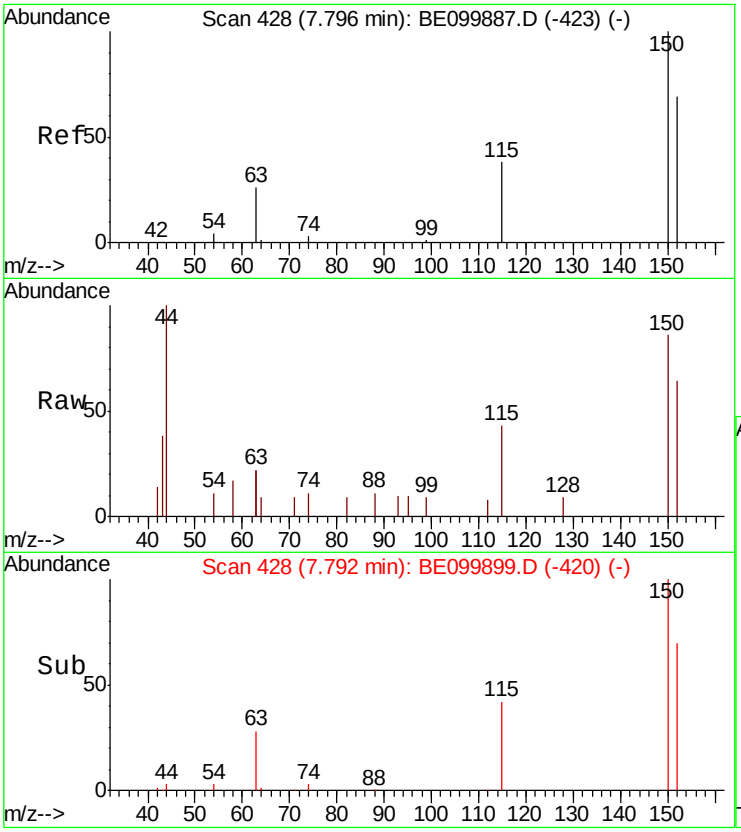
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE061019\
Data File : BE099899.D
Acq On : 10 Jun 2019 20:31
Operator : JU/SJ
Sample : K3257-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Quant Time: Jun 11 05:58:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration



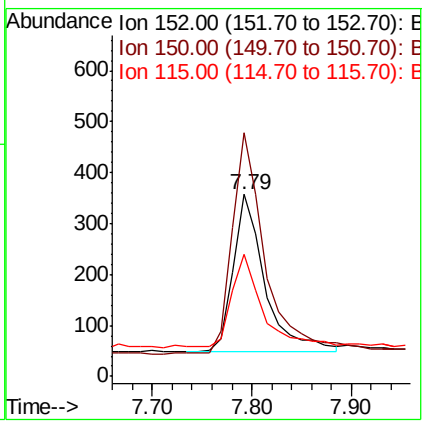


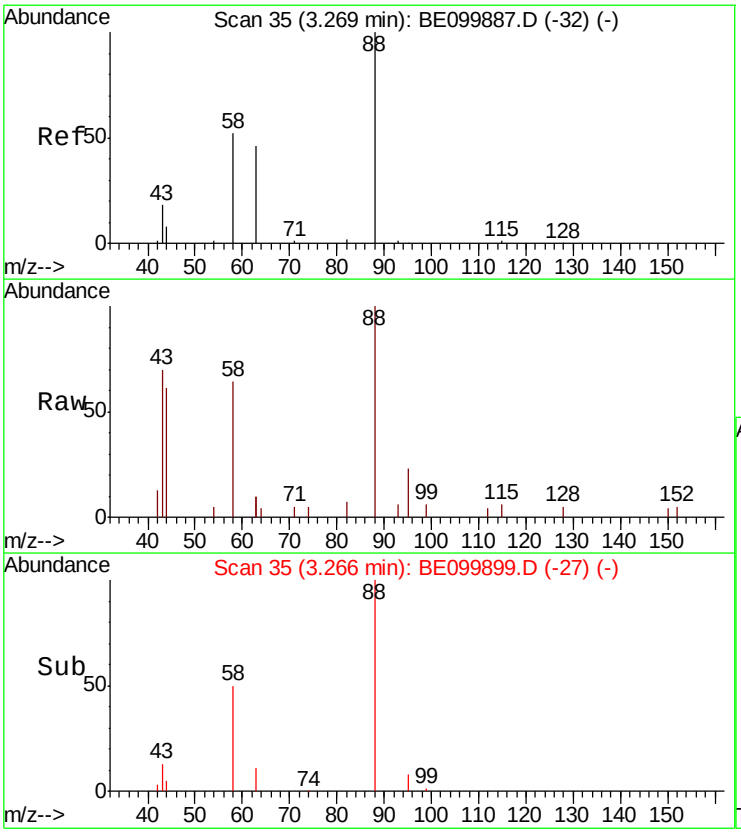
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:152 Resp: 688

Ion	Ratio	Lower	Upper
152	100		
150	133.9	111.0	166.6
115	67.2	50.7	76.1

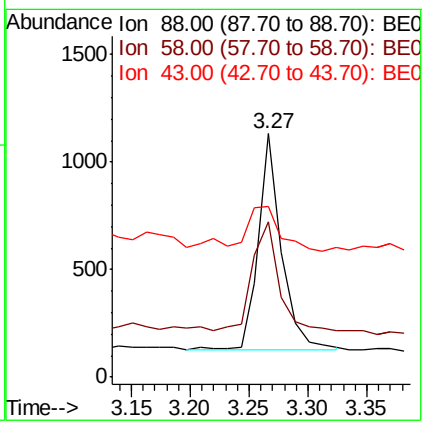


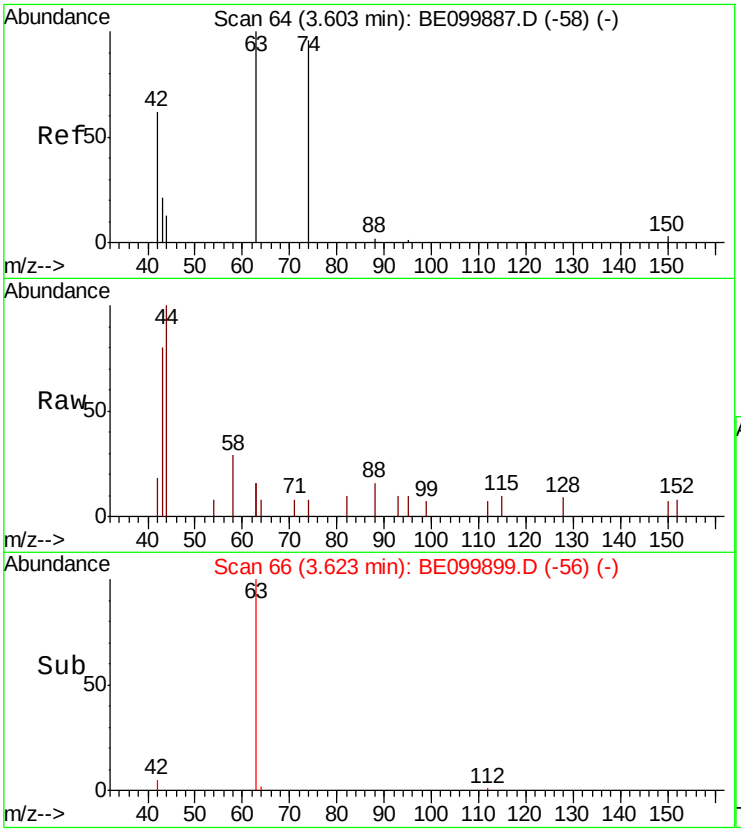


#2
1,4-Dioxane
Concen: 1.370 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion: 88 Resp: 1395

Ion	Ratio	Lower	Upper
88	100		
58	55.1	48.8	73.2
43	31.1	19.0	28.6#



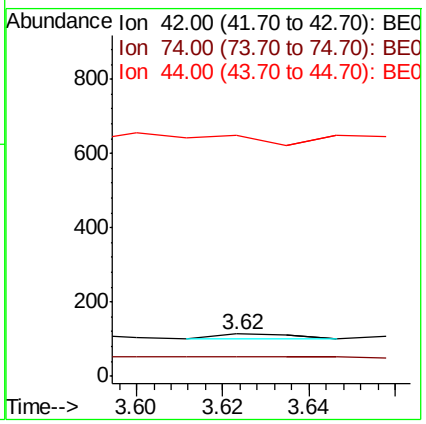


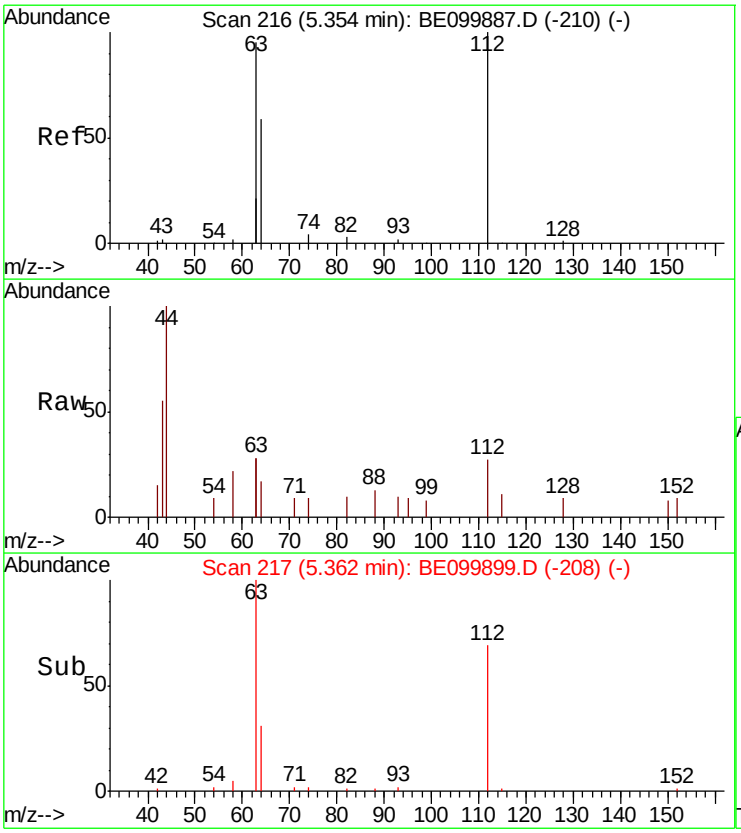
#3
n-Nitrosodimethylamine
Concen: 0.024 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.02 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion: 42 Resp: 14

Ion	Ratio	Lower	Upper
42	100		
74	78.6	0.0	0.0#
44	0.0	0.0	0.0

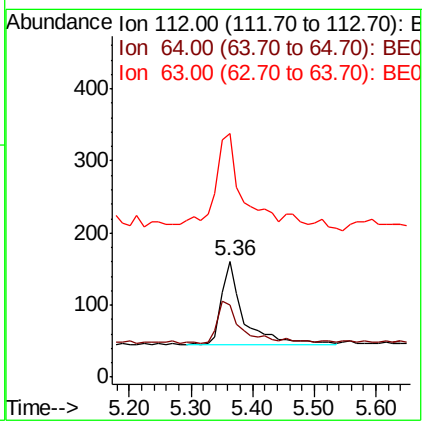


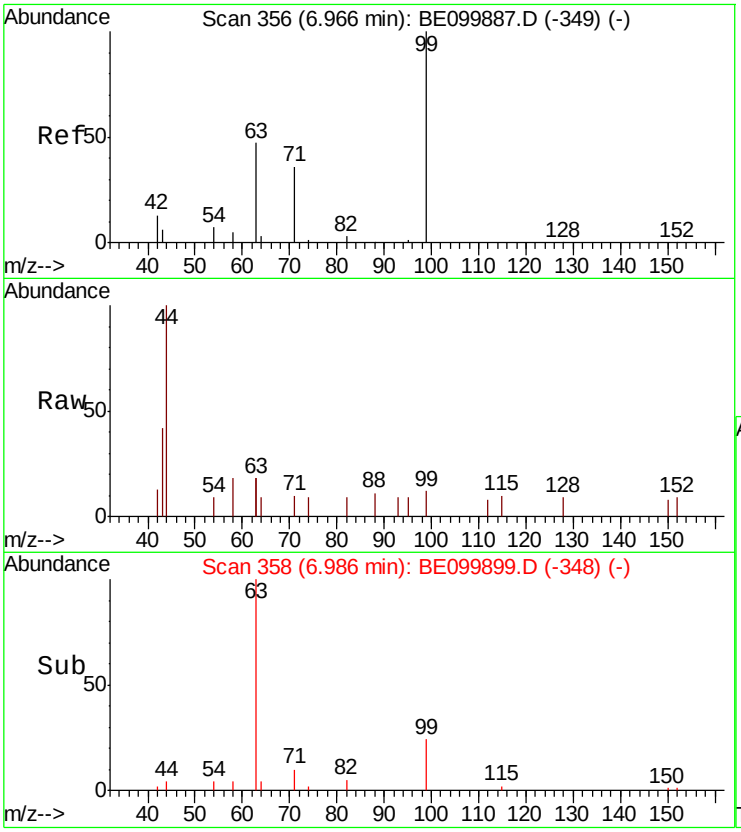


#4
2-Fluorophenol
Concen: 0.157 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:112 Resp: 291

Ion	Ratio	Lower	Upper
112	100		
64	50.2	44.1	66.1
63	116.5	87.8	131.6



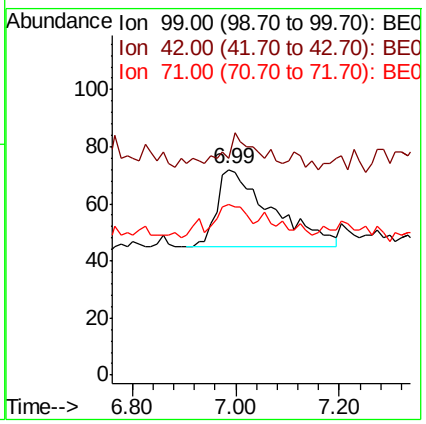


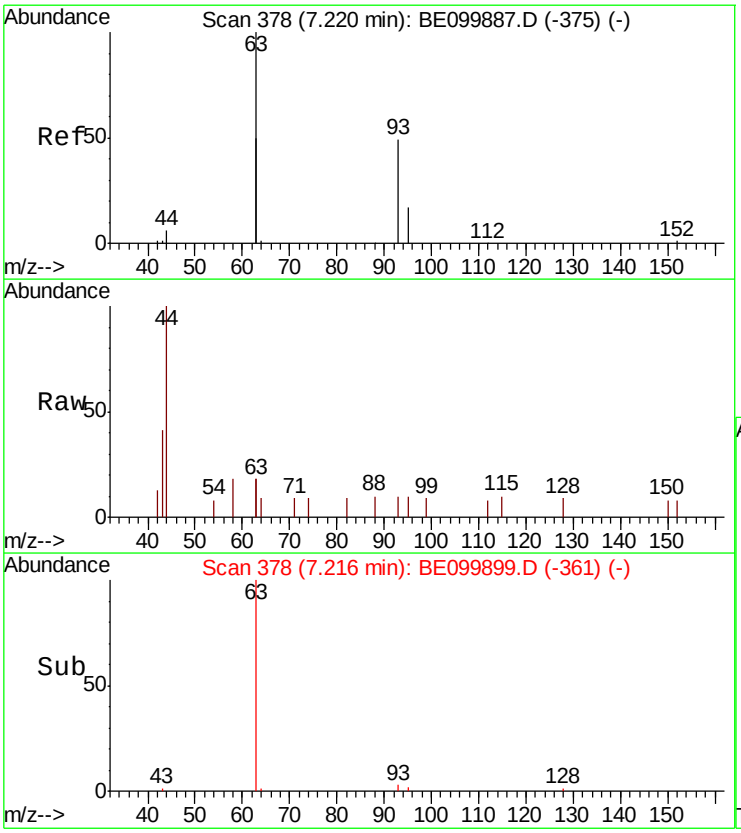
#5
Phenol-d6
Concen: 0.083 ng
RT: 6.99 min Scan# 358
Delta R.T. 0.02 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion: 99 Resp: 198

Ion	Ratio	Lower	Upper
99	100		
42	25.8	15.9	23.9#
71	18.7	34.6	52.0#

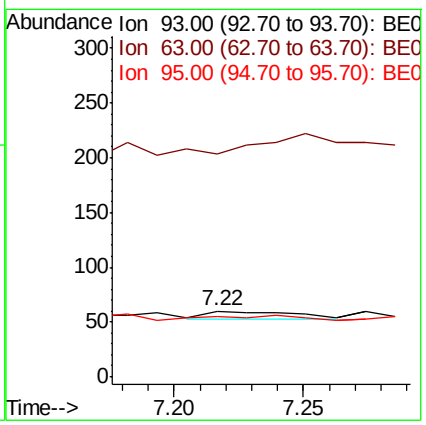


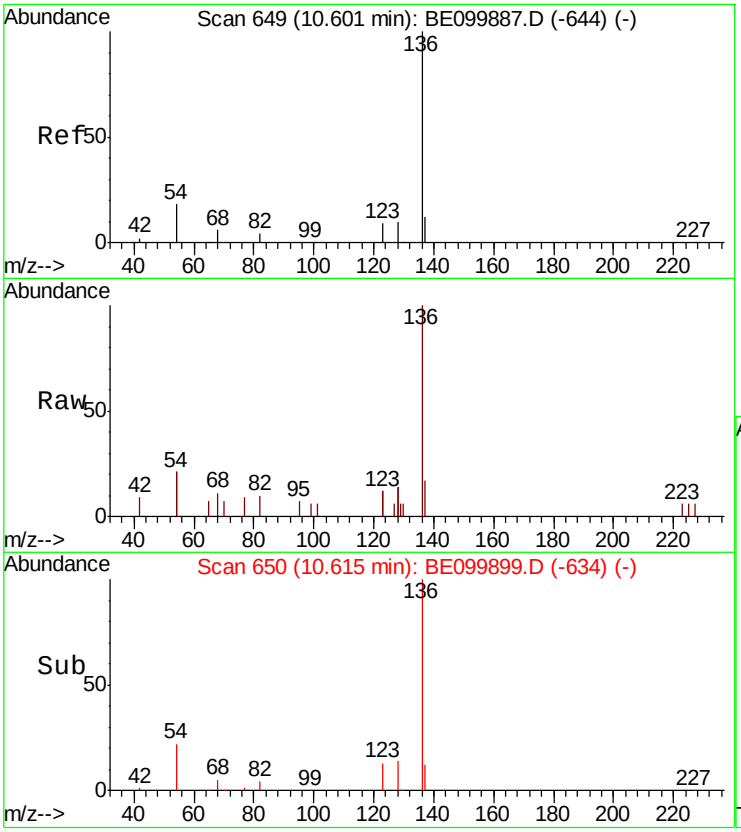


#6
bis(2-Chloroethyl)ether
Concen: 0.008 ng
RT: 7.22 min Scan# 378
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion: 93 Resp: 15

Ion	Ratio	Lower	Upper
93	100		
63	0.0	202.8	304.2#
95	0.0	23.7	35.5#



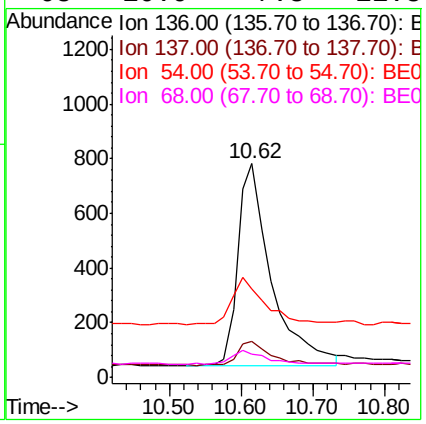


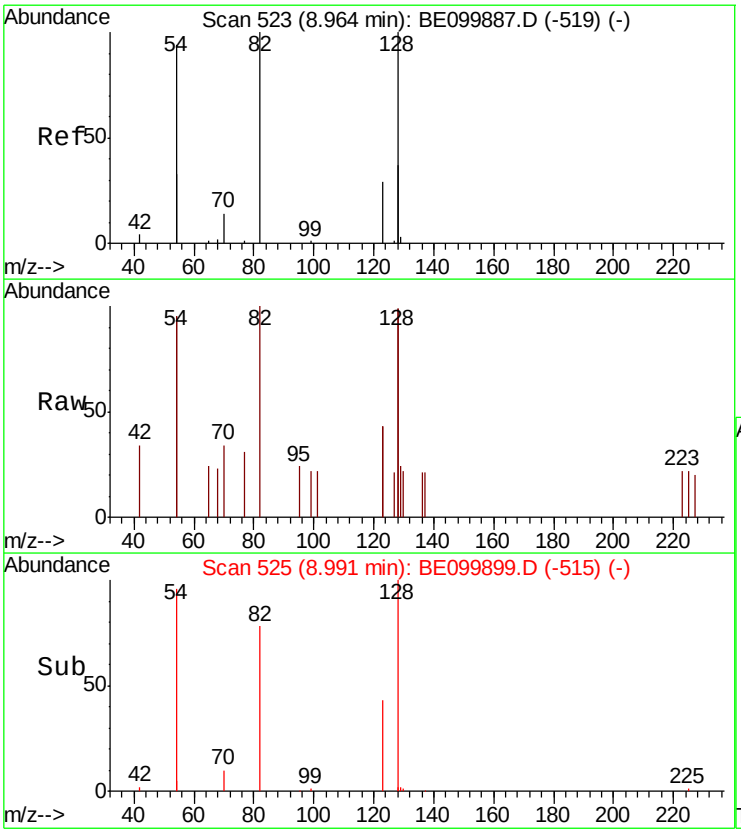
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.62 min Scan# 650
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:136 Resp: 2369

Ion	Ratio	Lower	Upper
136	100		
137	17.0	12.3	18.5
54	41.4	28.2	42.4
68	10.9	7.8	11.8

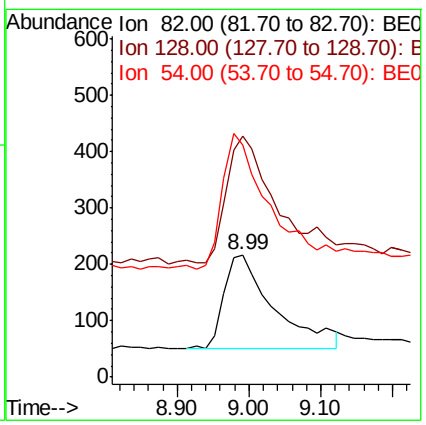


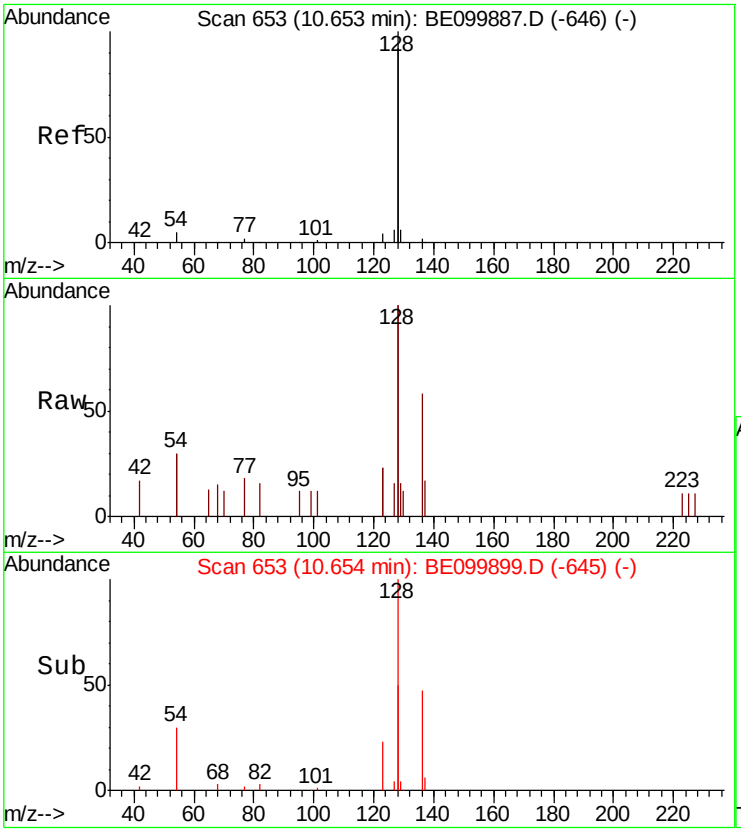


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 8.99 min Scan# 525
Delta R.T. 0.03 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion: 82 Resp: 802

Ion	Ratio	Lower	Upper
82	100		
128	197.2	137.3	205.9
54	189.9	129.7	194.5



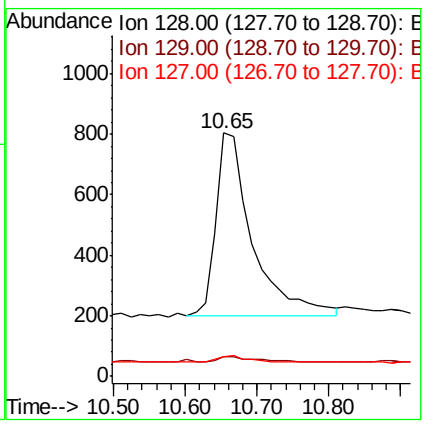


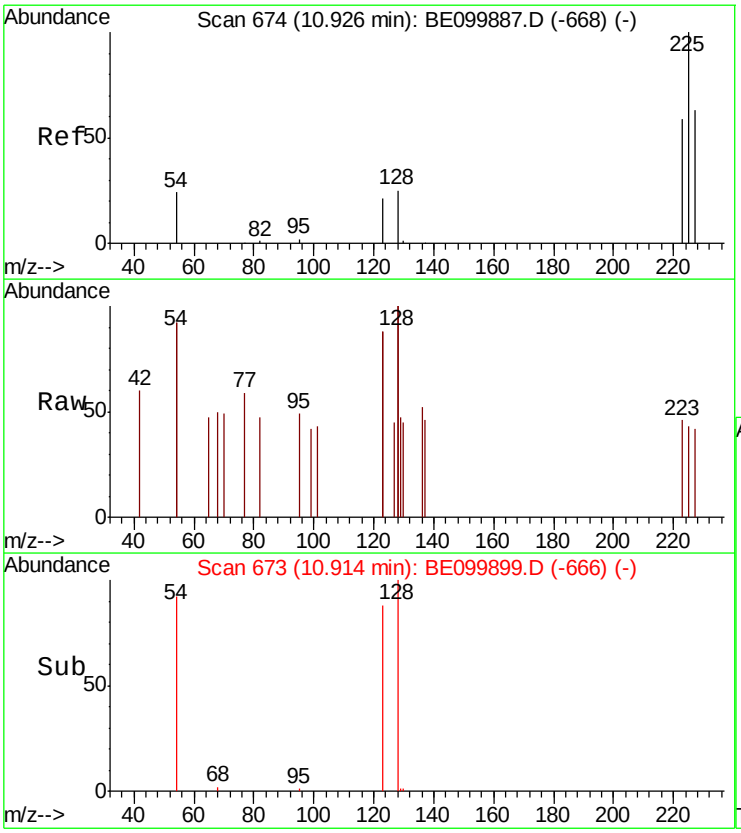
#9
Naphthalene
Concen: 0.082 ng
RT: 10.65 min Scan# 653
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:128 Resp: 2103

Ion	Ratio	Lower	Upper
128	100		
129	8.2	3.0	4.6#
127	7.8	3.4	5.0#

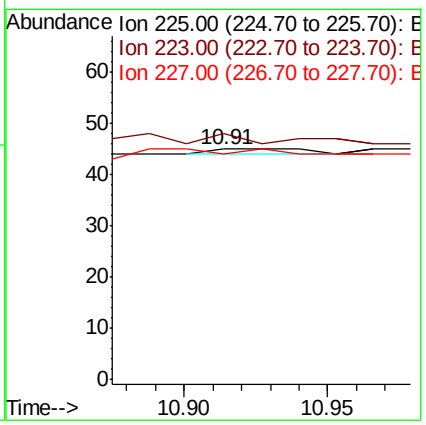


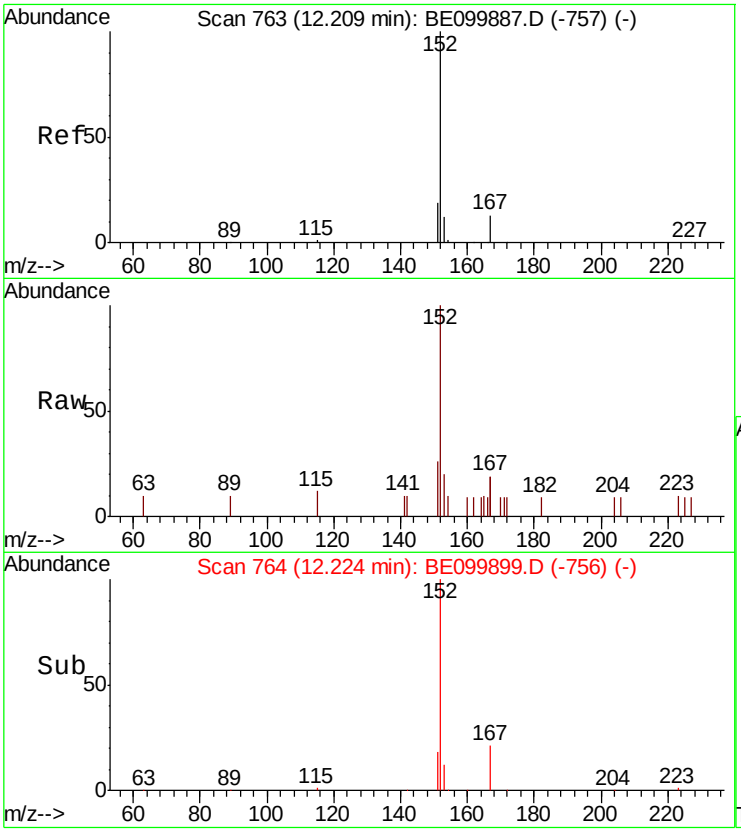


#10
Hexachlorobutadiene
Concen: 0.001 ng
RT: 10.91 min Scan# 673
Delta R.T. -0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:225 Resp: 2

Ion	Ratio	Lower	Upper
225	100		
223	0.0	51.6	77.4#
227	0.0	50.6	76.0#



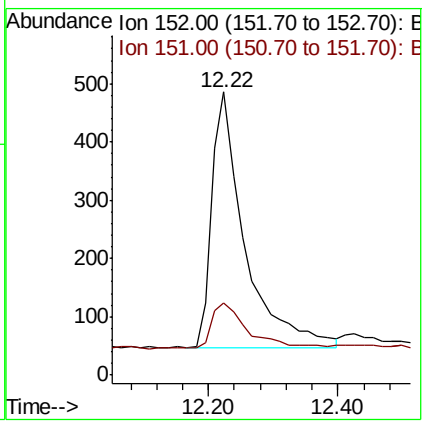


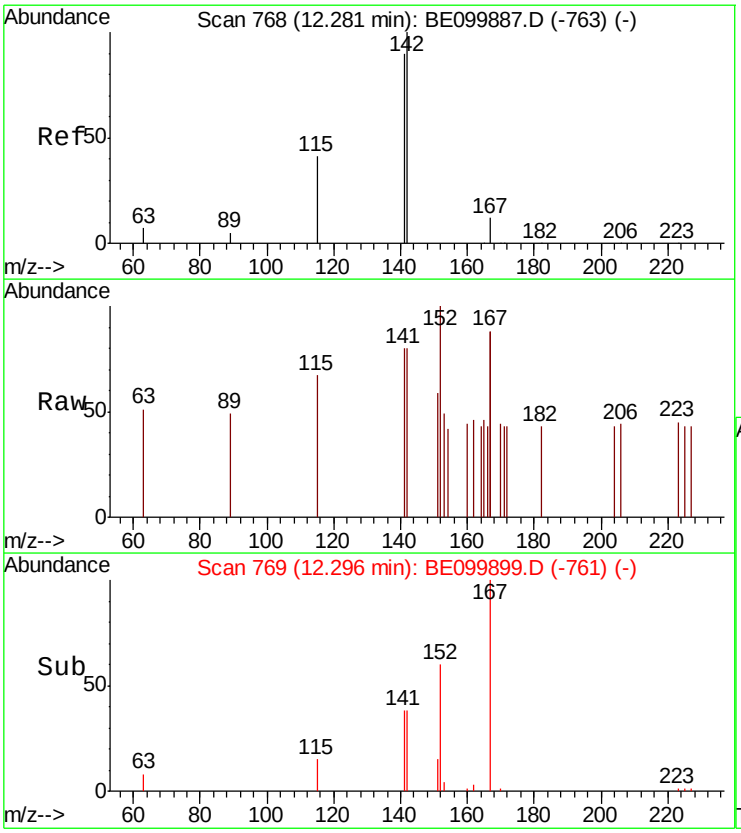
#11
2-Methylnaphthalene-d10
Concen: 0.375 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:152 Resp: 1551

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.2	22.8

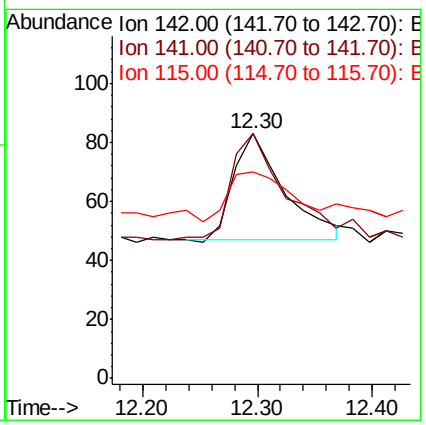


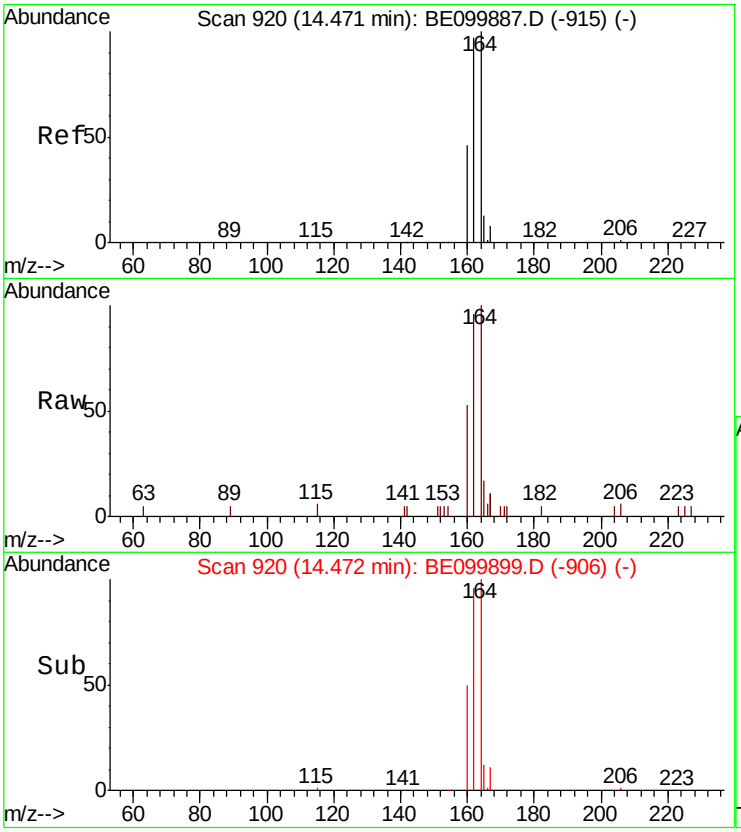


#12
2-Methylnaphthalene
Concen: 0.026 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.02 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:142 Resp: 110

Ion	Ratio	Lower	Upper
142	100		
141	100.0	72.3	108.5
115	84.3	36.4	54.6#



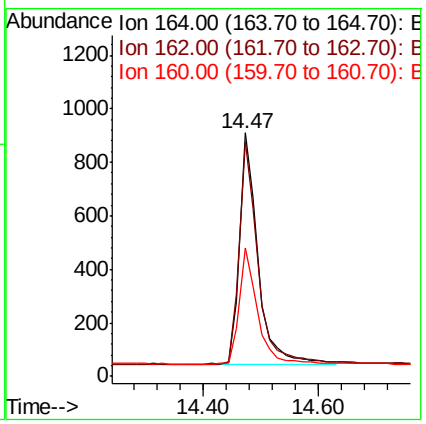


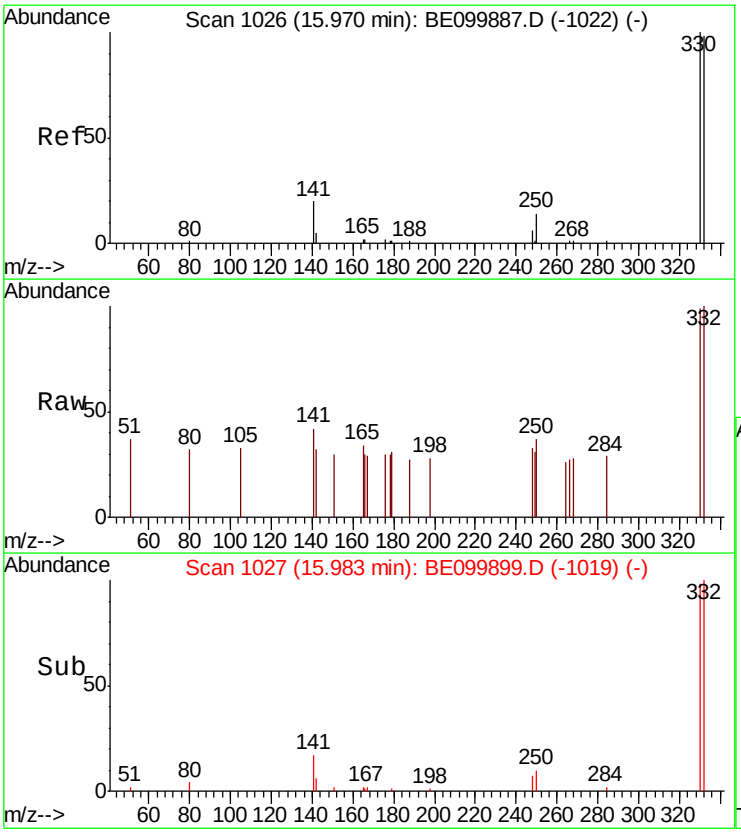
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:164 Resp: 1942

Ion	Ratio	Lower	Upper
164	100		
162	96.5	77.8	116.8
160	53.0	38.2	57.4

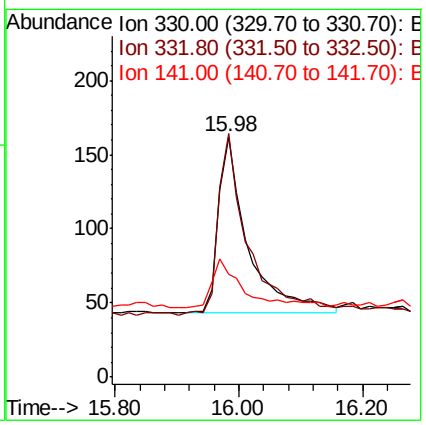


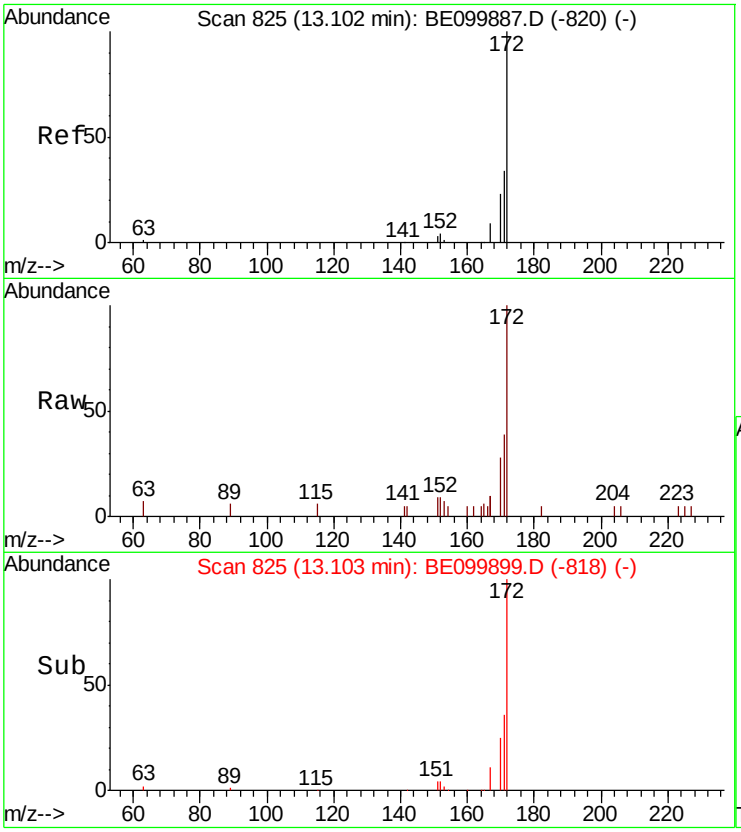


#14
2,4,6-Tribromophenol
Concen: 0.279 ng
RT: 15.98 min Scan# 1027
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:330 Resp: 401

Ion	Ratio	Lower	Upper
330	100		
332	103.2	76.7	115.1
141	28.7	21.0	31.6



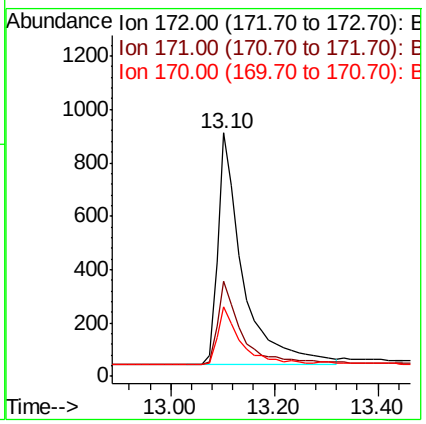


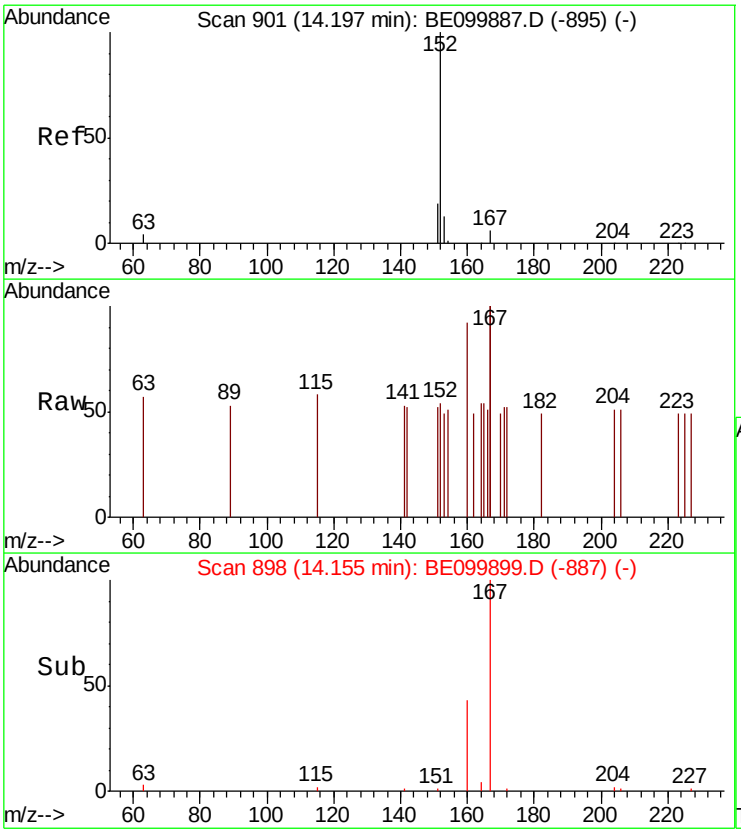
#15
2-Fluorobiphenyl
Concen: 0.398 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:172 Resp: 2933

Ion	Ratio	Lower	Upper
172	100		
171	38.9	29.2	43.8
170	28.4	21.2	31.8

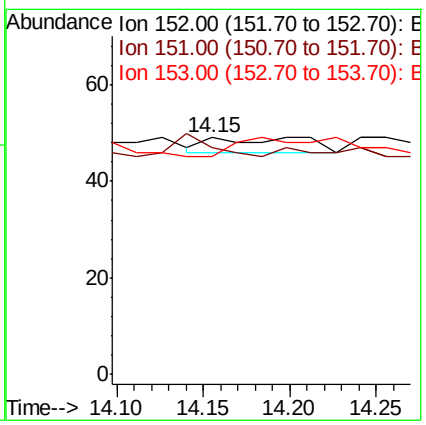


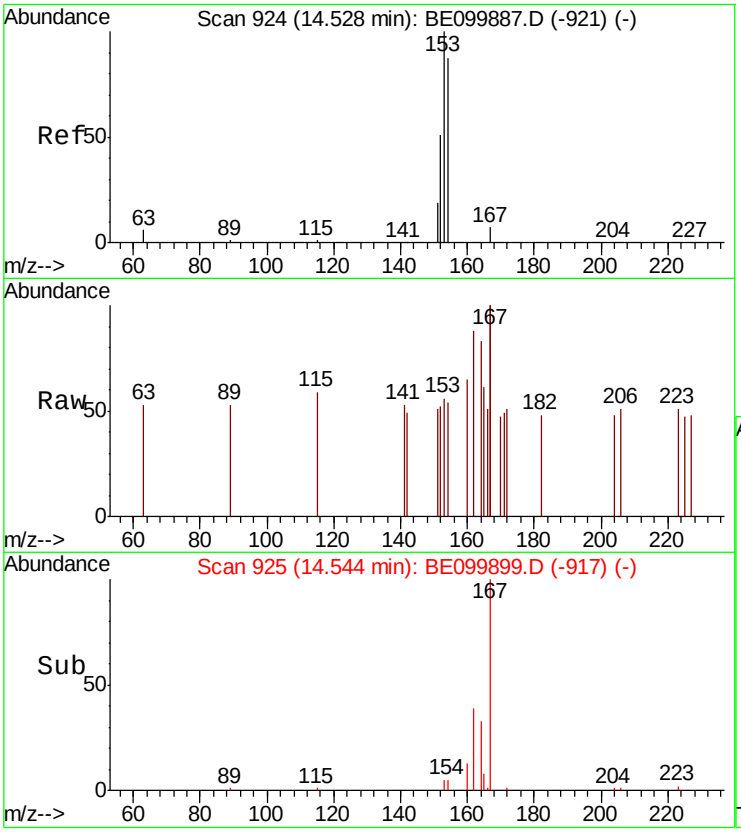


#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.15 min Scan# 898
Delta R.T. -0.04 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:152 Resp: 11

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.5	23.3#
153	0.0	10.2	15.2#



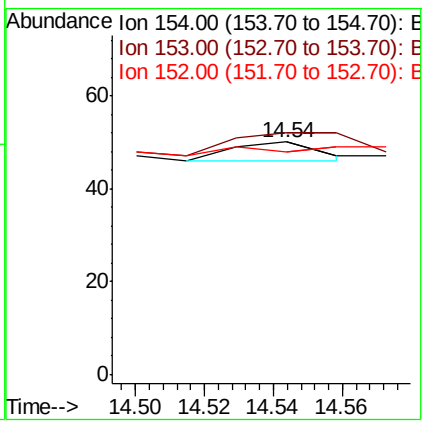


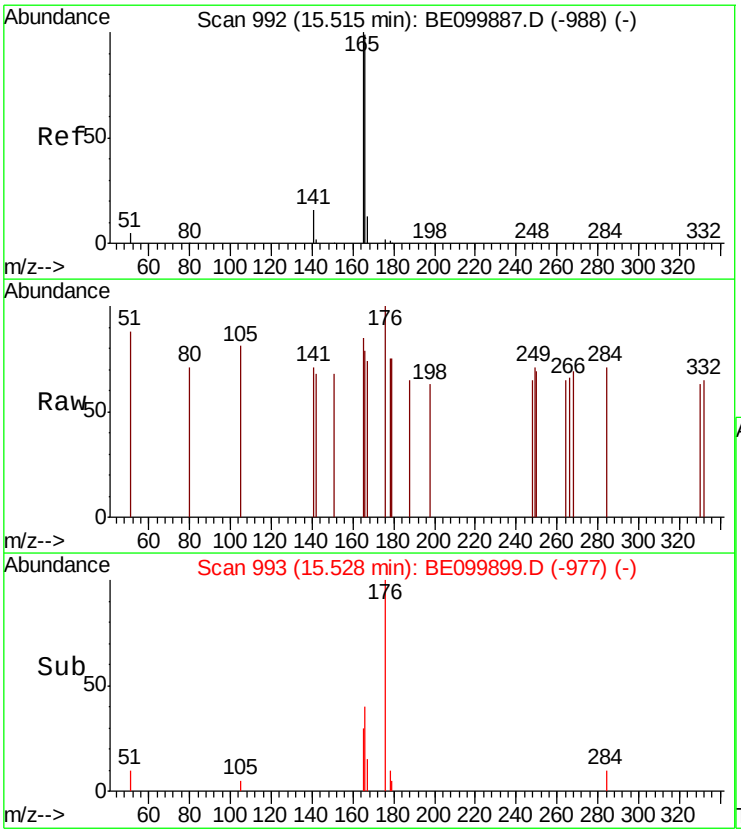
#17
Acenaphthene
Concen: 0.001 ng
RT: 14.54 min Scan# 925
Delta R.T. 0.02 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:154 Resp: 7

Ion	Ratio	Lower	Upper
154	100		
153	285.7	93.1	139.7#
152	0.0	47.0	70.4#

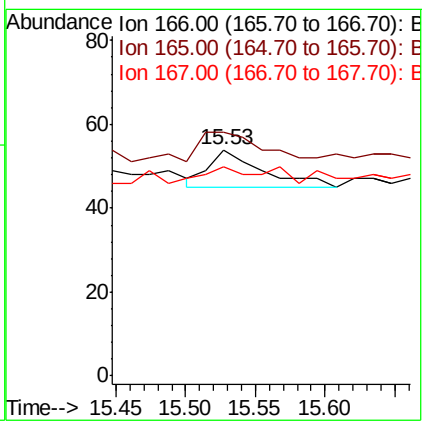


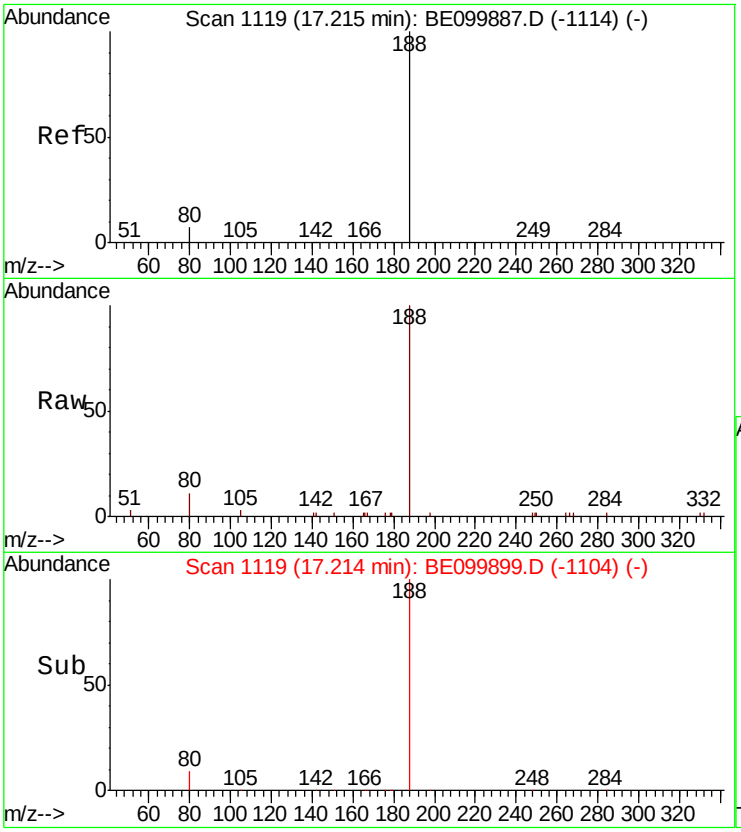


#18
Fluorene
Concen: 0.003 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:166 Resp: 23

Ion	Ratio	Lower	Upper
166	100		
165	91.3	81.8	122.8
167	39.1	11.2	16.8#



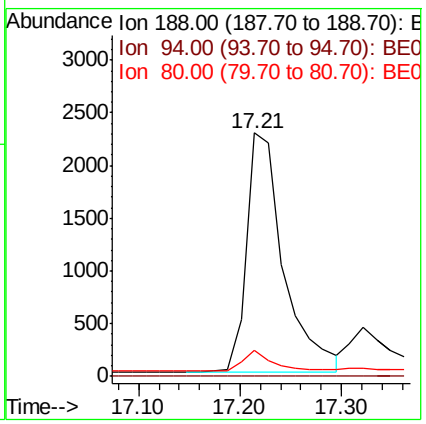


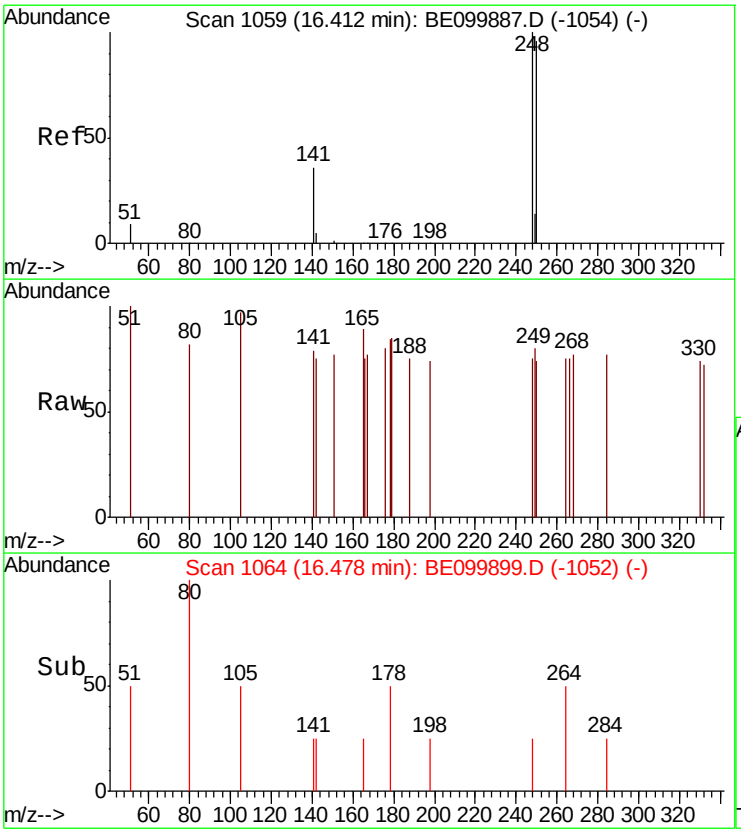
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:188 Resp: 5768

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	6.4	9.6#

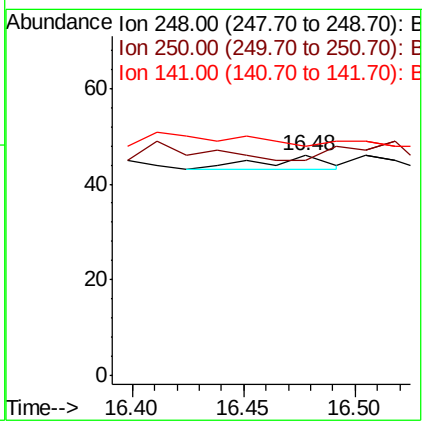


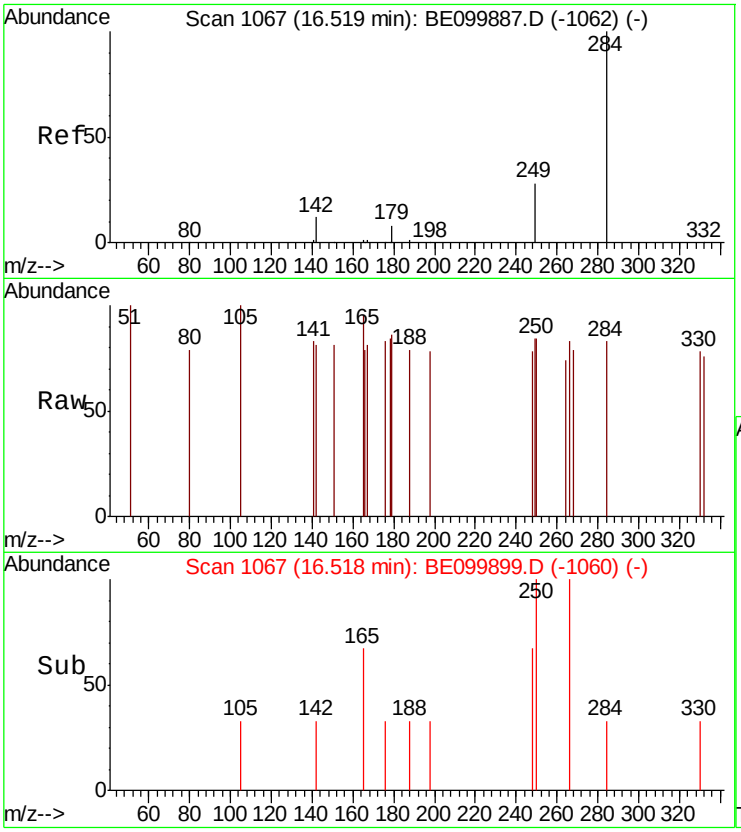


#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.48 min Scan# 1064
Delta R.T. 0.07 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:248 Resp: 6

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.5	116.3
141	104.3	31.8	47.8#



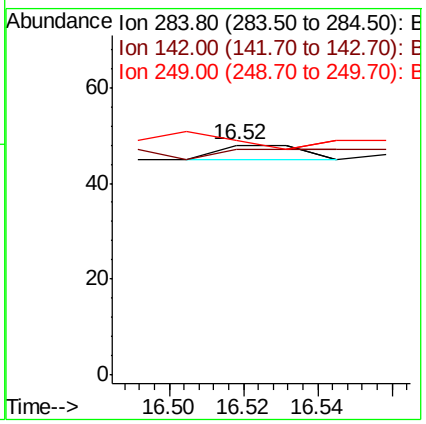


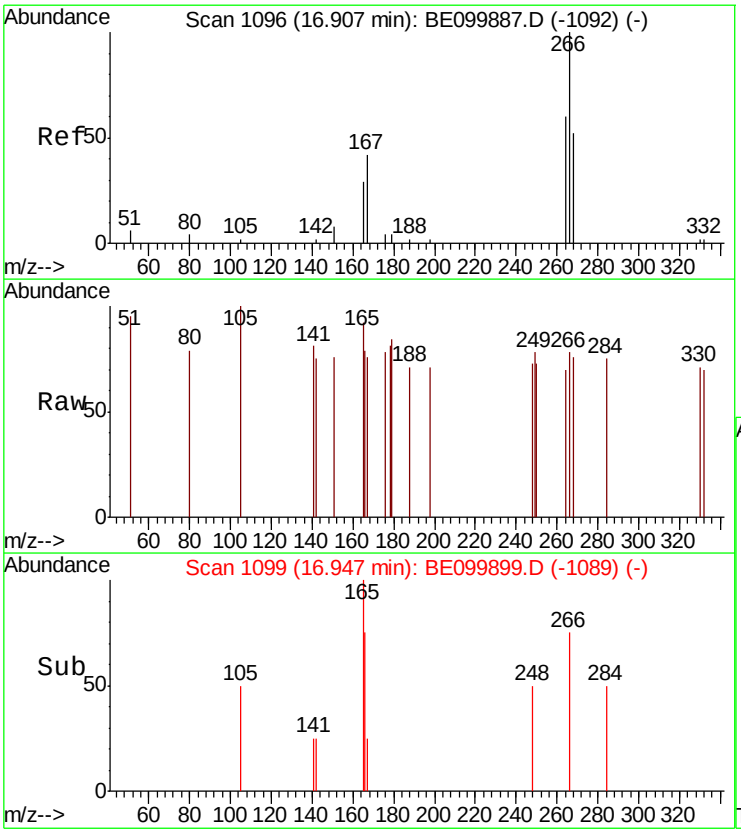
#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:284 Resp: 5

Ion	Ratio	Lower	Upper
284	100		
142	40.0	18.2	27.4#
249	0.0	24.6	37.0#

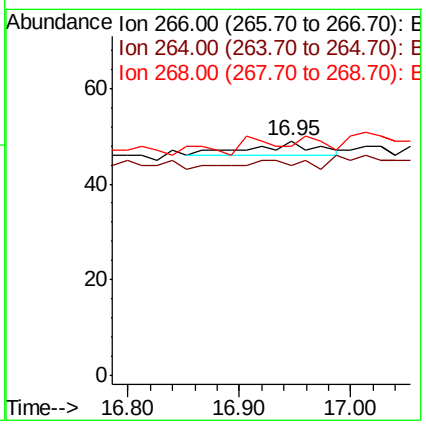


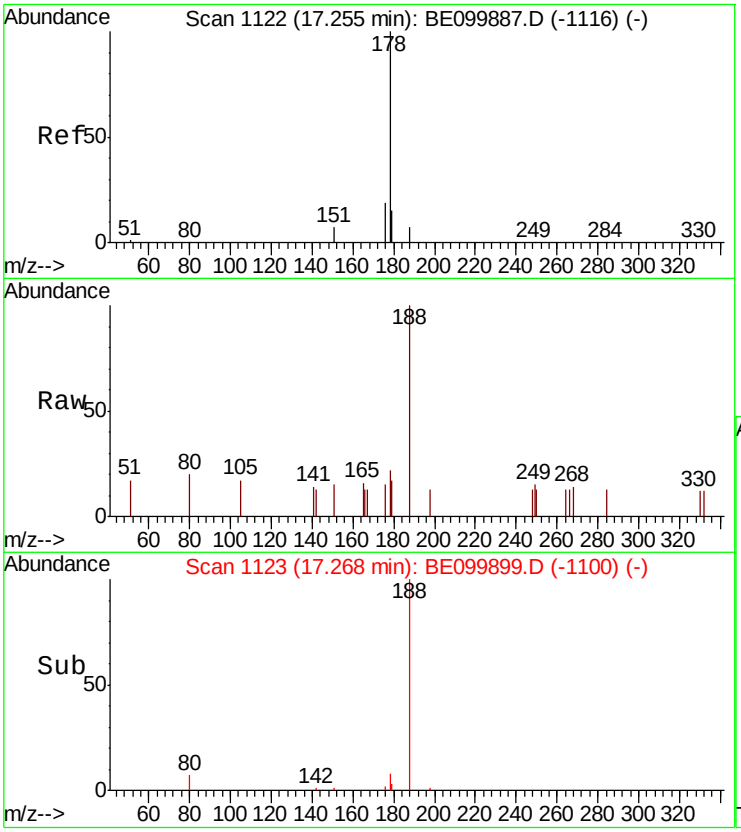


#22
Pentachlorophenol
Concen: 0.307 ng
RT: 16.95 min Scan# 1099
Delta R.T. 0.04 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:266 Resp: 11

Ion	Ratio	Lower	Upper
266	100		
264	89.8	62.2	93.2
268	98.0	65.5	98.3



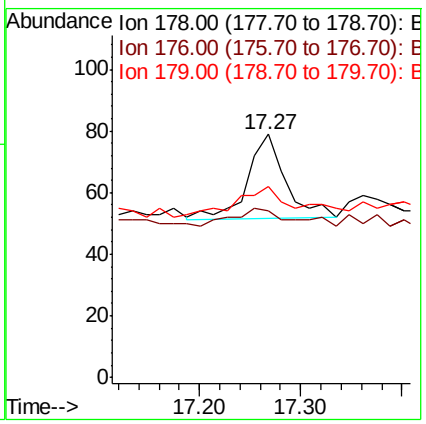


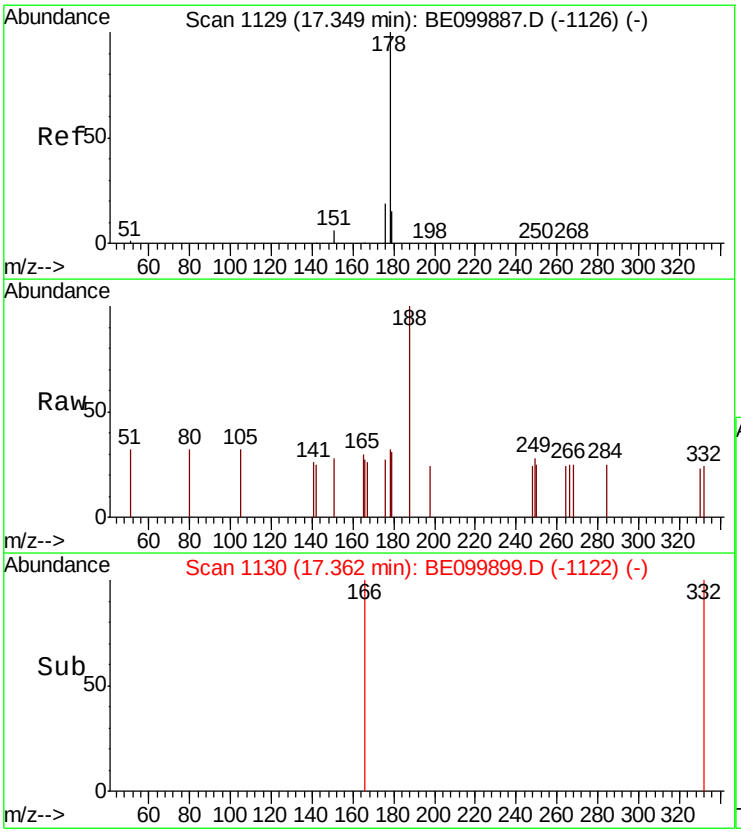
#23
Phenanthrene
Concen: 0.005 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:178 Resp: 73

Ion	Ratio	Lower	Upper
178	100		
176	37.0	15.8	23.8#
179	58.9	12.4	18.6#

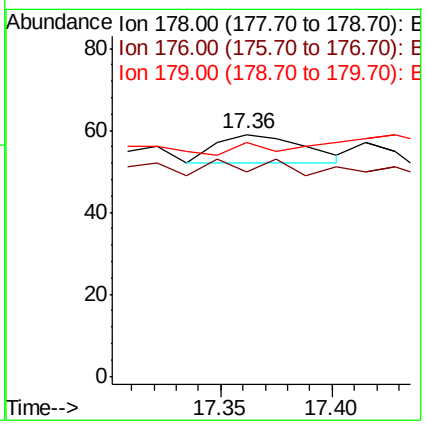


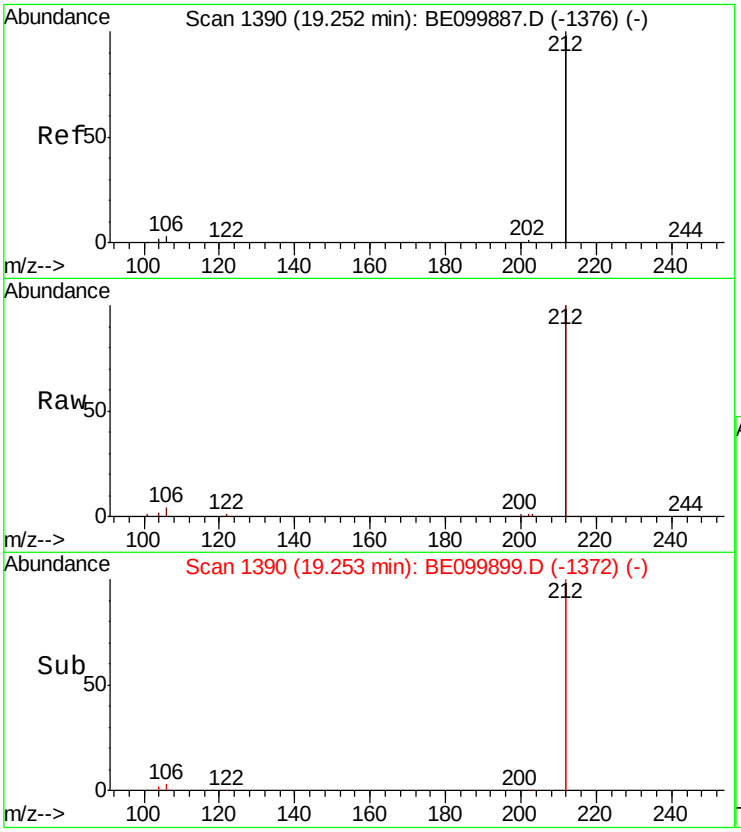


#24
Anthracene
Concen: 0.001 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:178 Resp: 19

Ion	Ratio	Lower	Upper
178	100		
176	52.6	14.6	22.0#
179	0.0	12.3	18.5#



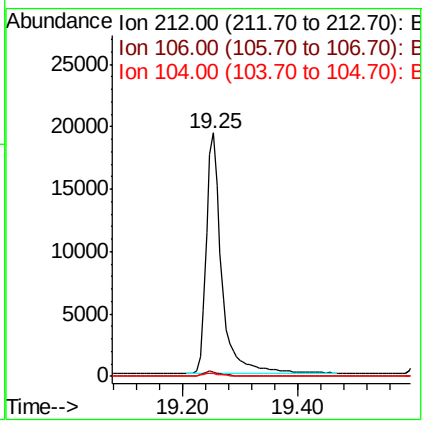


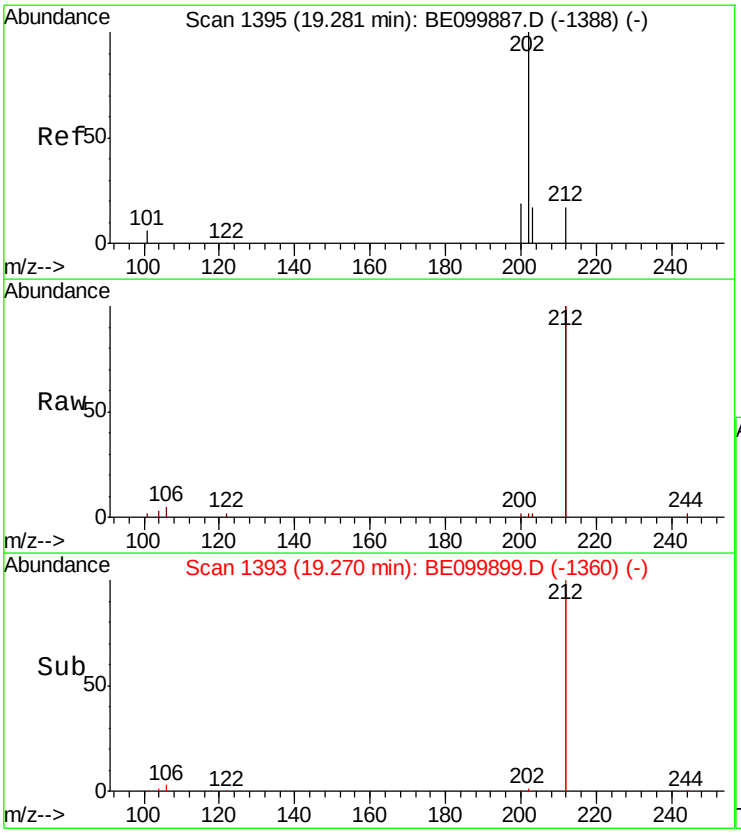
#25
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.25 min Scan# 1390
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:212 Resp: 36044

Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.4	2.2
104	1.1	0.9	1.3

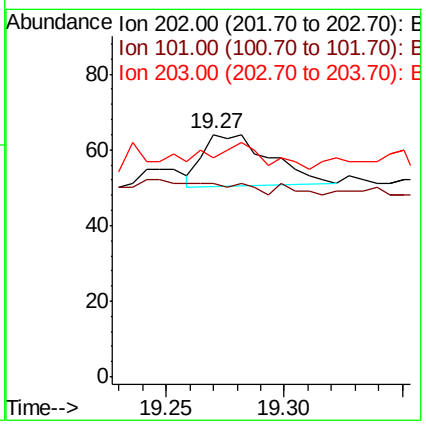


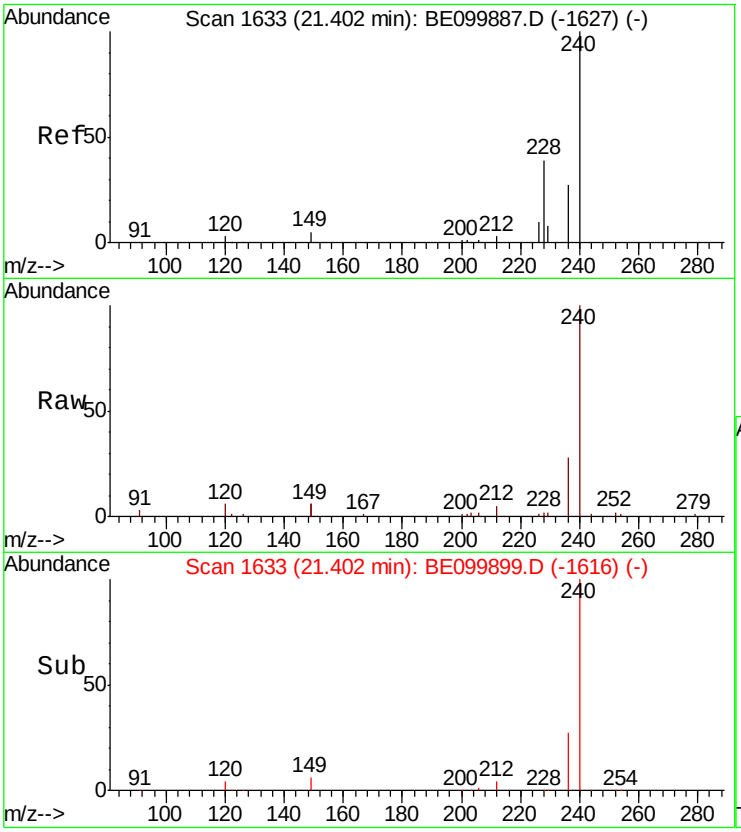


#26
Fluoranthene
Concen: 0.001 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:202 Resp: 28

Ion	Ratio	Lower	Upper
202	100		
101	0.0	5.4	8.0#
203	53.6	13.2	19.8#



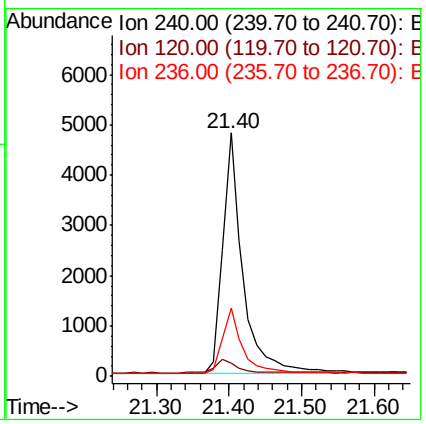


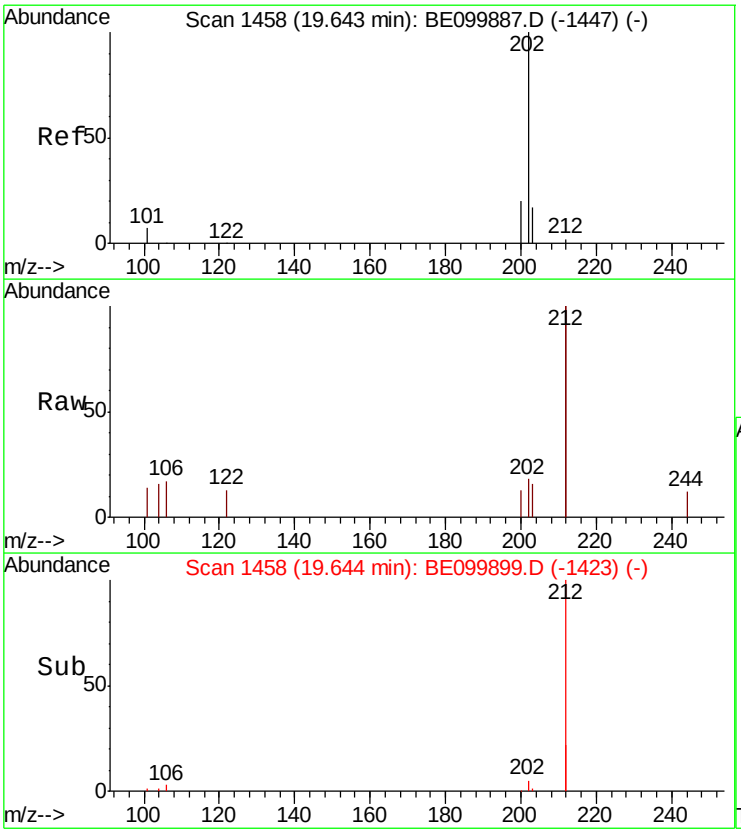
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:240 Resp: 9455

Ion	Ratio	Lower	Upper
240	100		
120	5.6	3.8	5.6
236	27.9	22.0	33.0

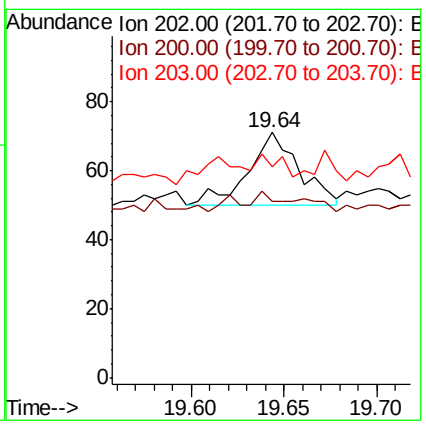


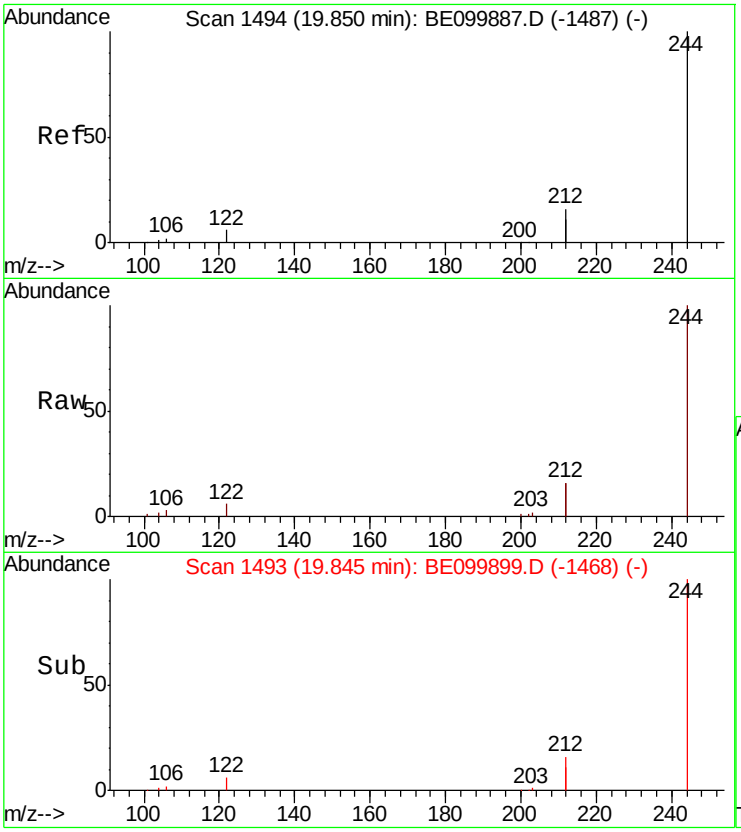


#28
Pyrene
Concen: 0.002 ng
RT: 19.64 min Scan# 1458
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:202 Resp: 41

Ion	Ratio	Lower	Upper
202	100		
200	4.9	15.5	23.3#
203	14.6	14.0	21.0



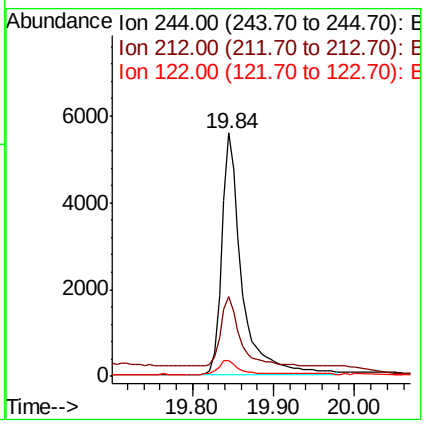


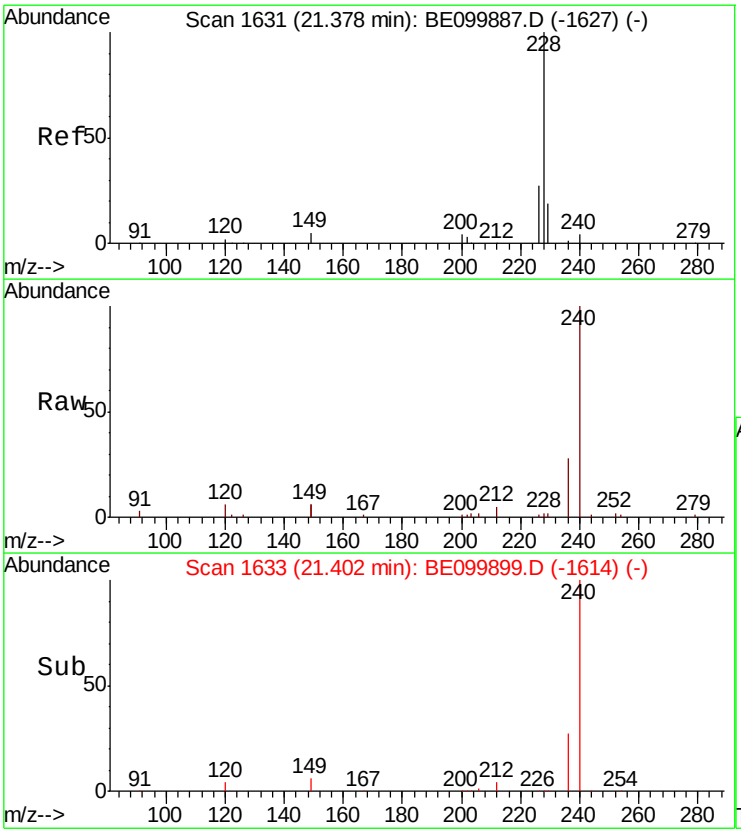
#29
Terphenyl-d14
Concen: 0.553 ng
RT: 19.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:244 Resp: 9407

Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.7	38.5
122	6.4	5.5	8.3

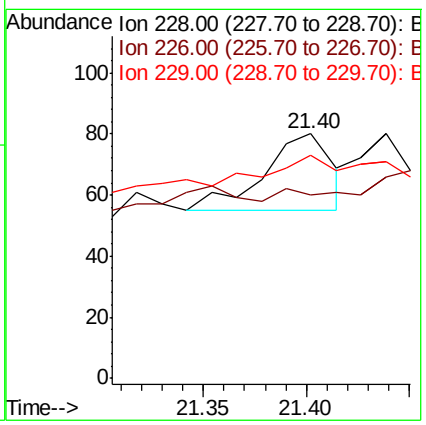


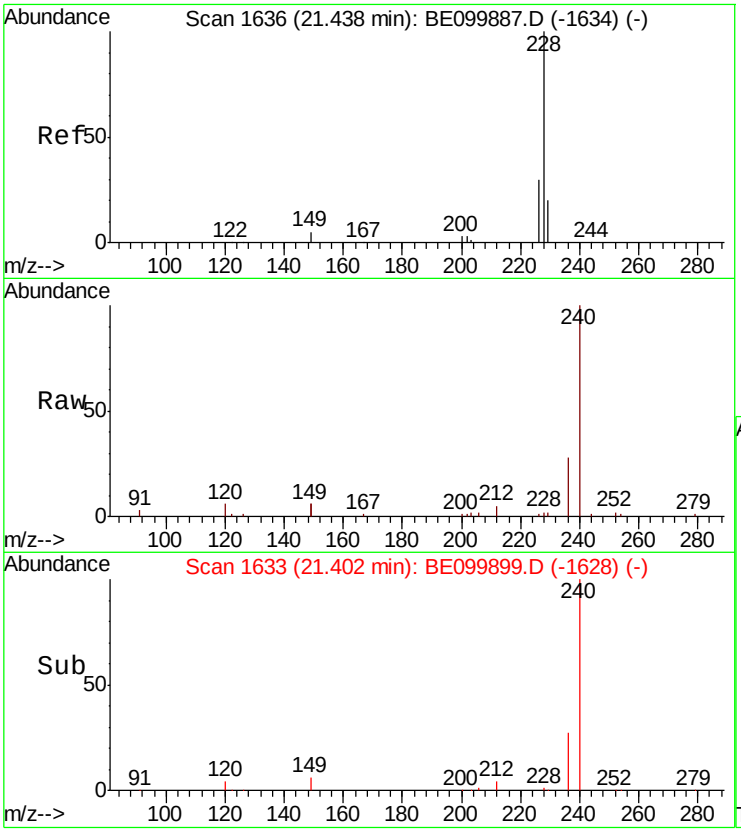


#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.02 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:228 Resp: 59

Ion	Ratio	Lower	Upper
228	100		
226	75.0	22.5	33.7#
229	91.3	15.9	23.9#



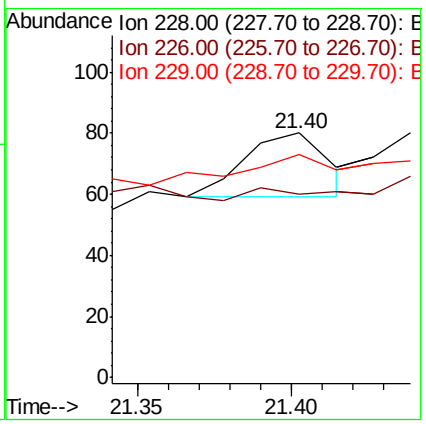


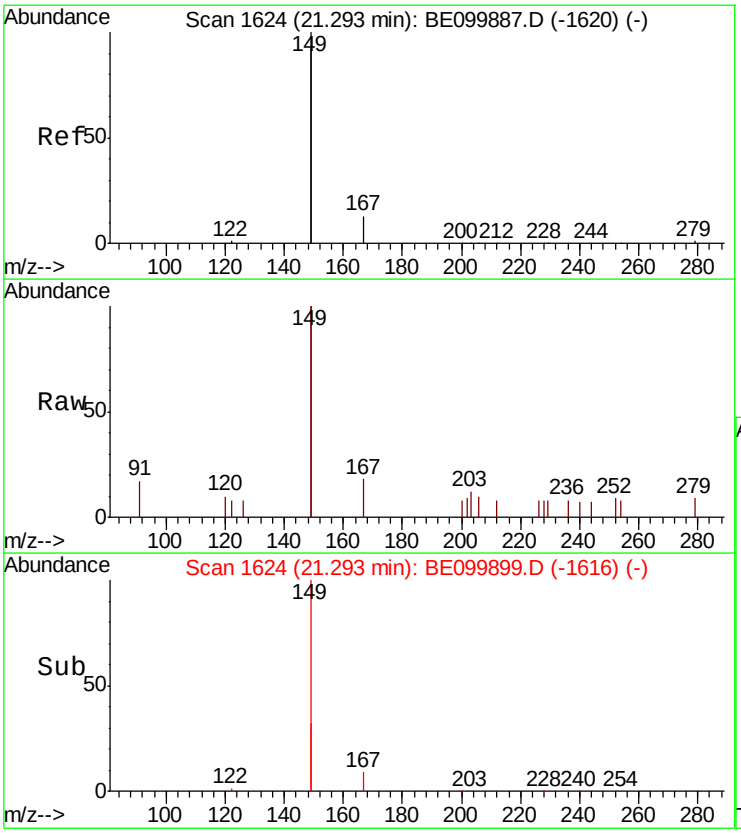
#31
Chrysene
Concen: 0.001 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.04 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:228 Resp: 40

Ion	Ratio	Lower	Upper
228	100		
226	75.0	24.1	36.1#
229	91.3	16.1	24.1#

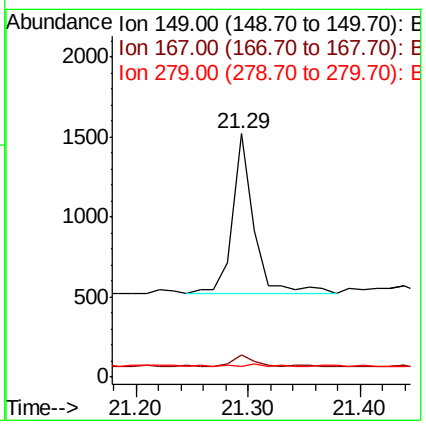


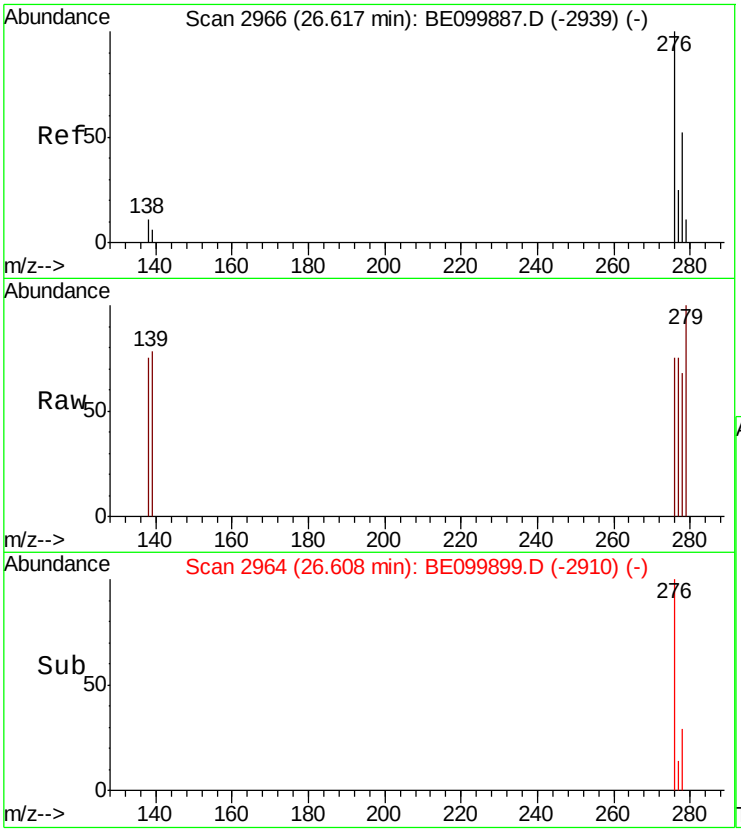


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.032 ng
RT: 21.29 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:149 Resp: 1304

Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.4	1.2	1.8



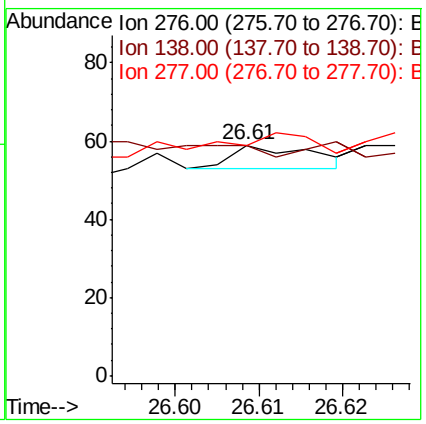


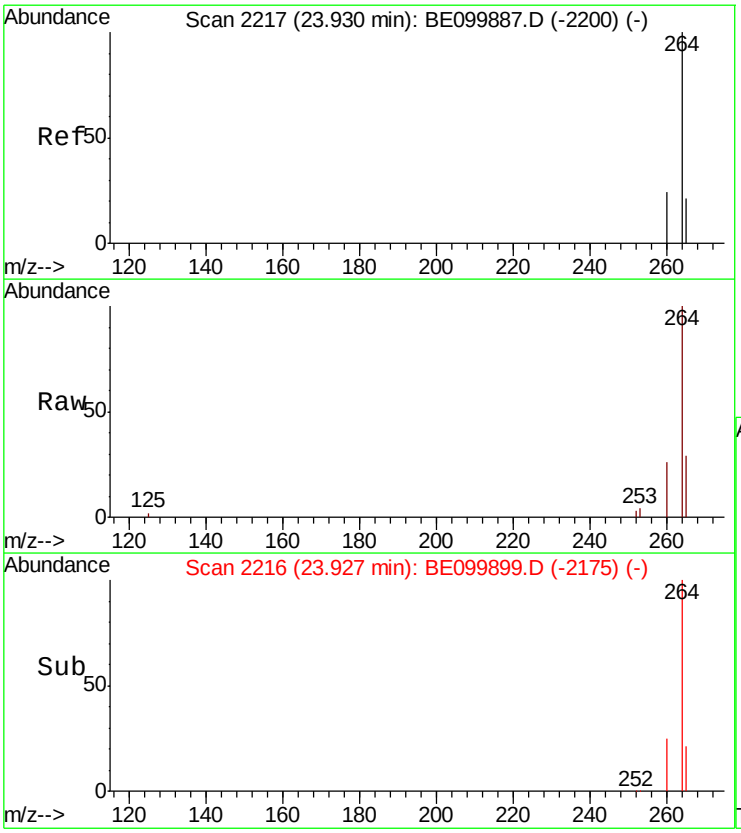
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 26.61 min Scan# 2964
Delta R.T. -0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:276 Resp: 4

Ion	Ratio	Lower	Upper
276	100		
138	25.0	10.1	15.1#
277	125.0	19.1	28.7#

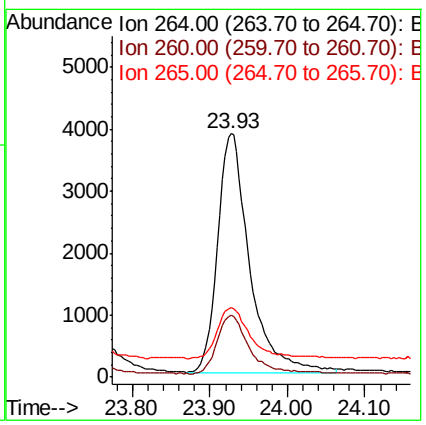


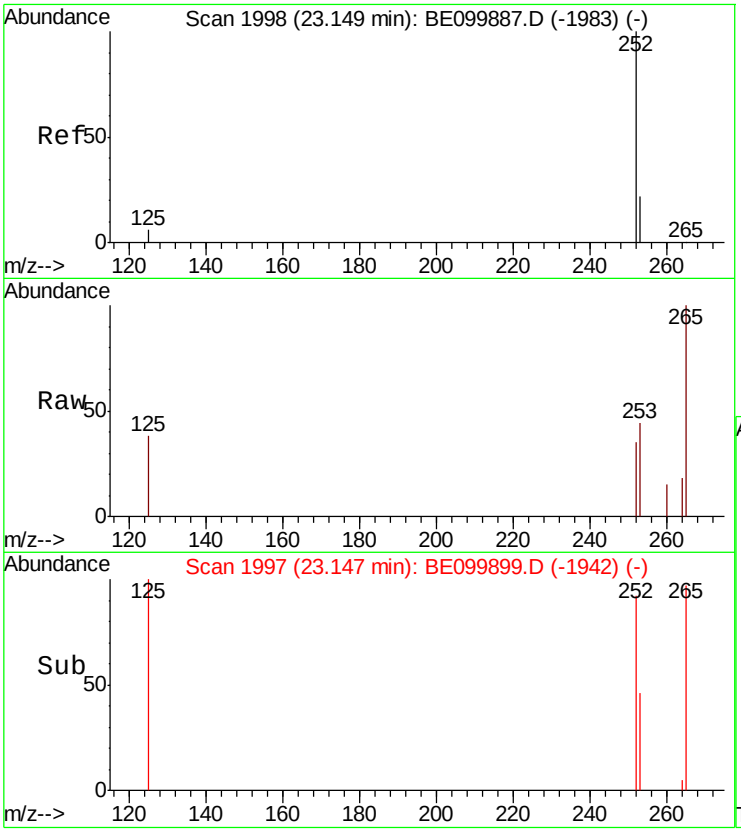


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:264 Resp: 11006

Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	28.5	22.0	33.0



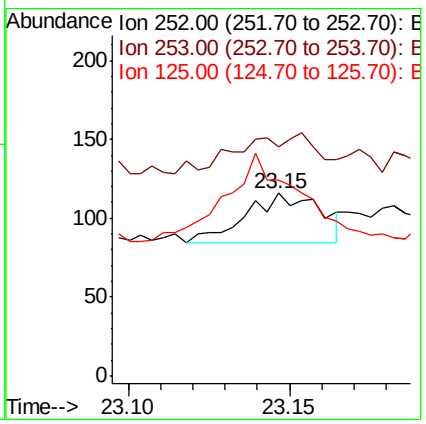


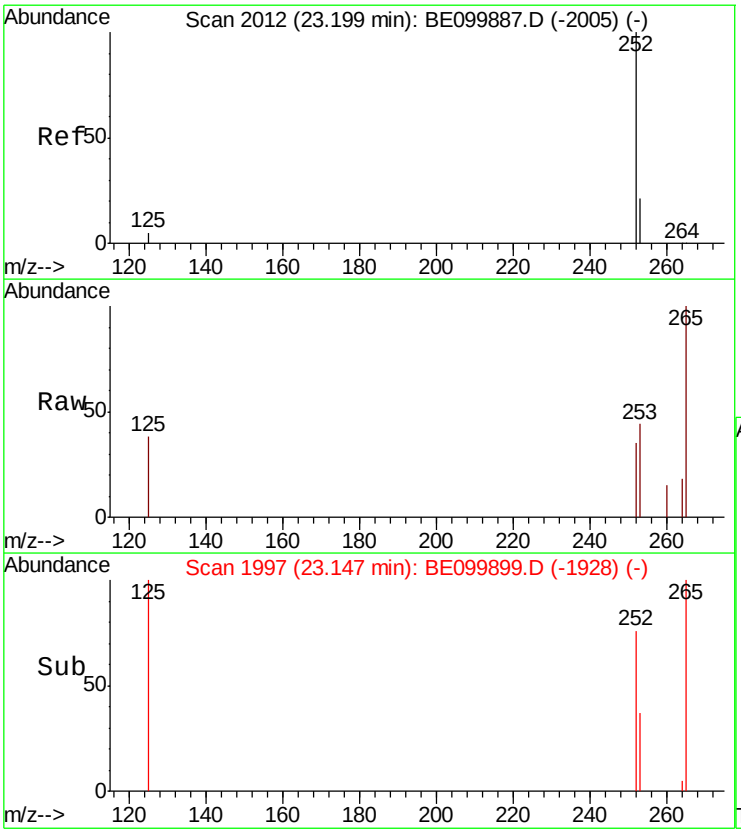
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:252 Resp: 52

Ion	Ratio	Lower	Upper
252	100		
253	125.0	18.7	28.1#
125	106.9	5.7	8.5#

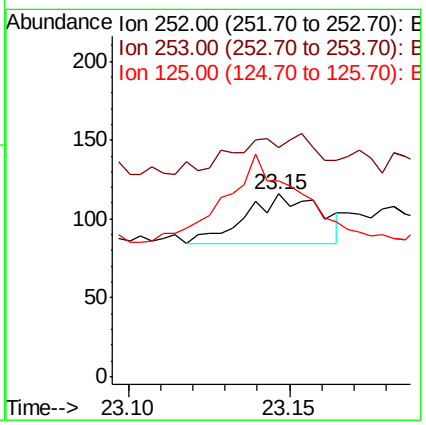


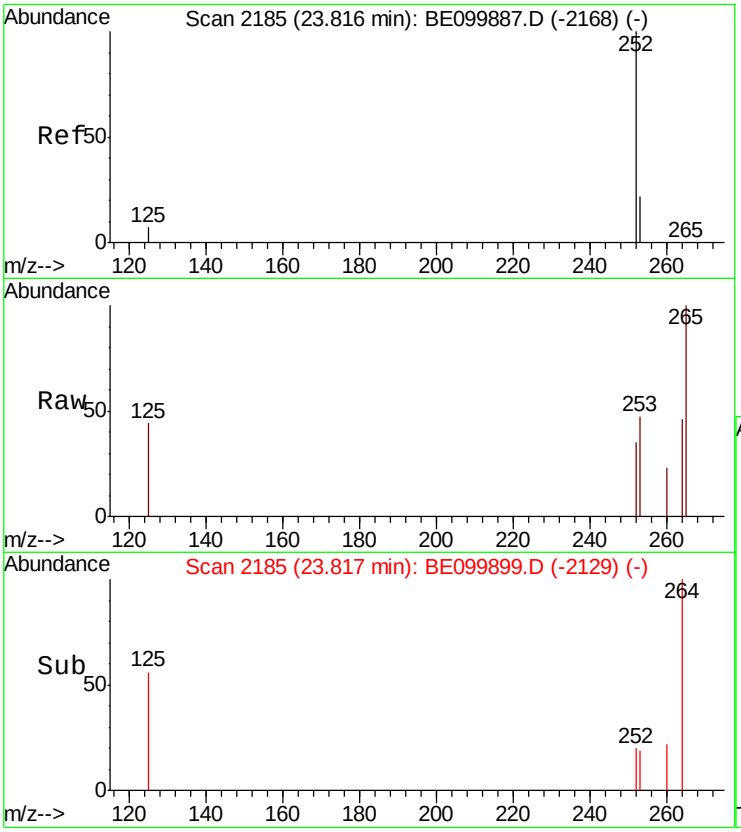


#36
Benzo(k)fluoranthene
Concen: 0.002 ng
RT: 23.15 min Scan# 1997
Delta R.T. -0.05 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:252 Resp: 52

Ion	Ratio	Lower	Upper
252	100		
253	125.0	18.6	28.0#
125	106.9	5.4	8.0#



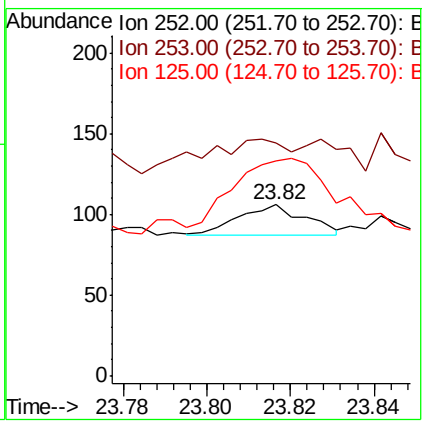


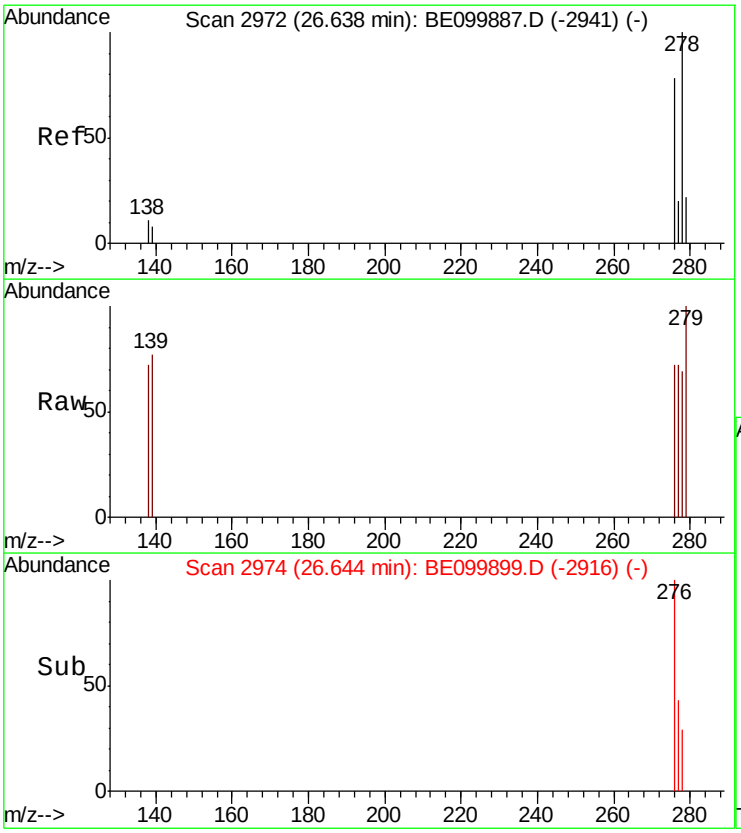
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.82 min Scan# 2185
Delta R.T. 0.00 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:252 Resp: 21

Ion	Ratio	Lower	Upper
252	100		
253	135.8	19.6	29.4#
125	125.5	6.6	10.0#

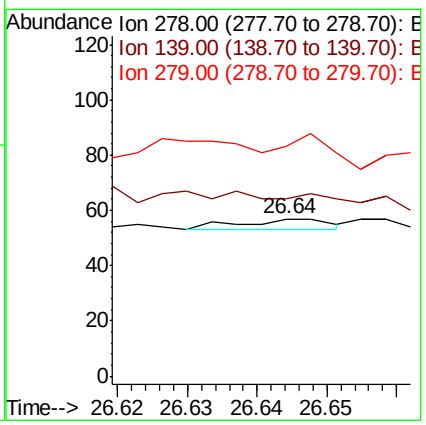


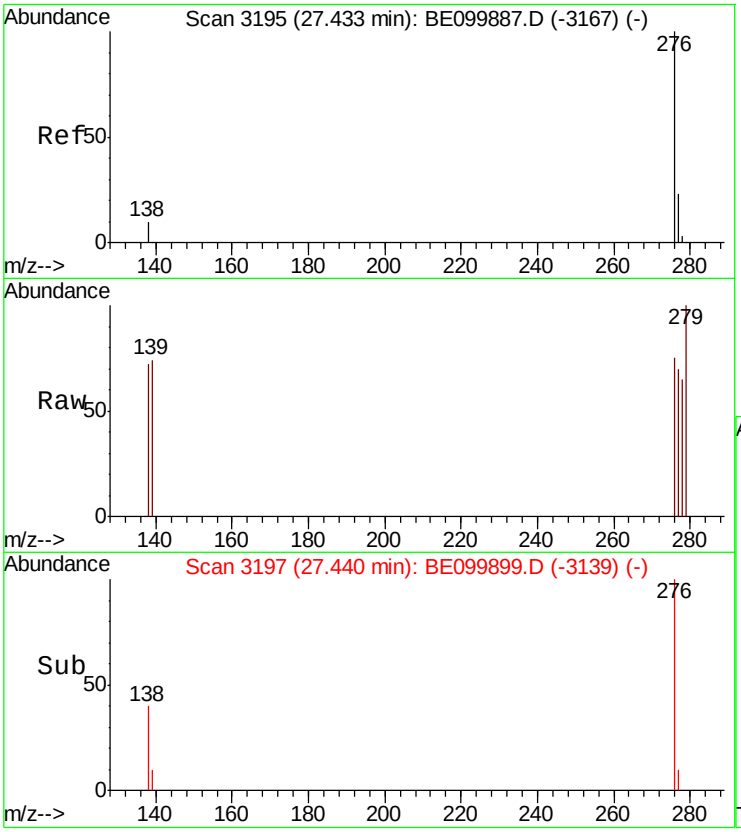


#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.64 min Scan# 2974
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Tgt Ion:278 Resp: 4

Ion	Ratio	Lower	Upper
278	100		
139	112.3	7.8	11.8#
279	145.6	20.0	30.0#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 27.44 min Scan# 3197
Delta R.T. 0.01 min
Lab File: BE099899.D
Acq: 10 Jun 2019 20:31

Instrument :
BNA_E
ClientSampleId :
RE120D3-20190606

Tgt Ion:276 Resp: 3

Ion	Ratio	Lower	Upper
276	100		
277	93.4	19.5	29.3#
138	95.1	9.5	14.3#